

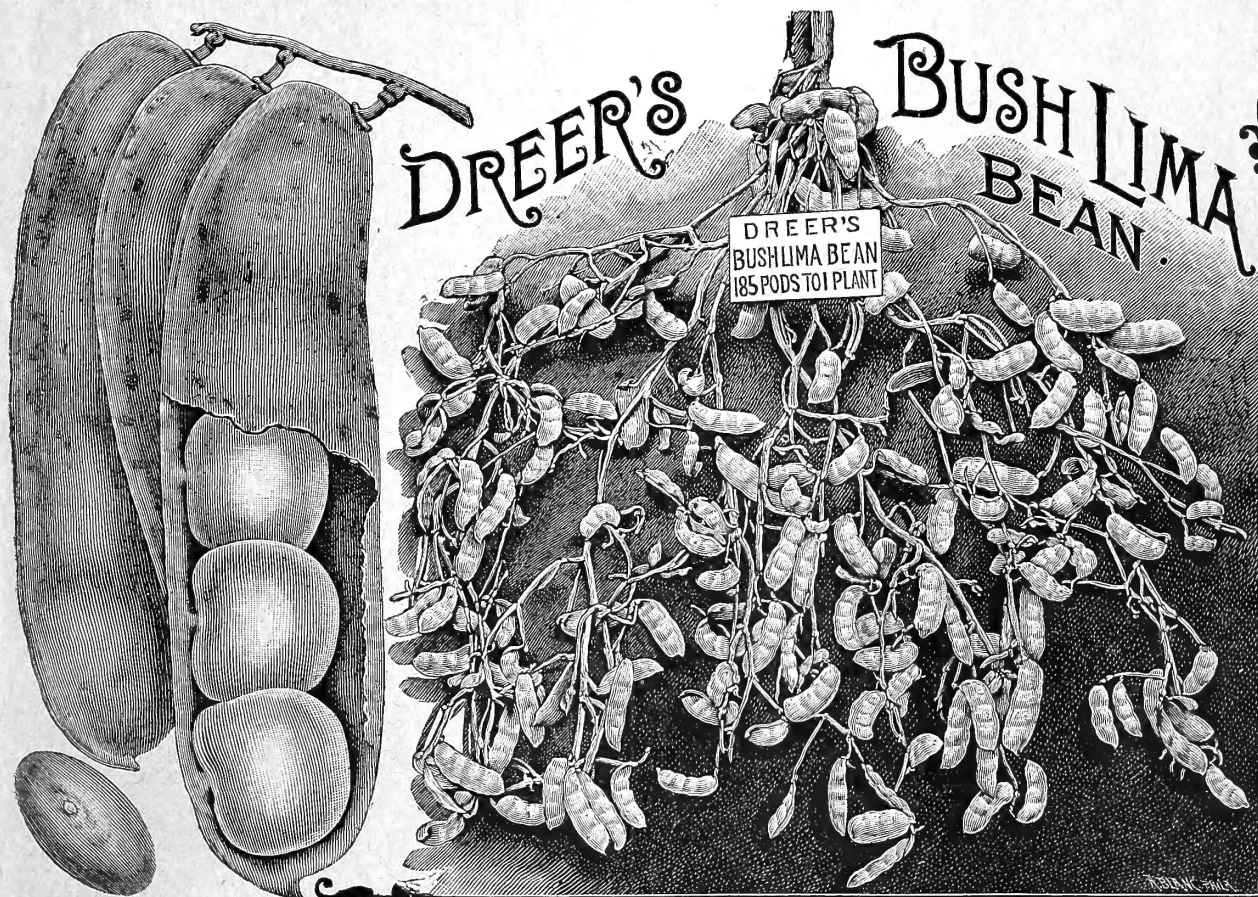
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VEGETABLE NOVELTIES and SPECIALTIES.

In addition to the Novelties and Specialties offered in the following pages, we offer in our General List of Vegetable and Flower Seeds all tested novelties of recent introduction.

On pages 158 and 159 will be found a list of awards to the successful competitors for premiums offered in our last year's catalogue; also cash prizes offered for competition in 1892.



DREER'S BUSH LIMA BEAN.

Since the introduction of Bush Lima Beans much care and attention has been given to their cultivation in order to secure in them merits possessed by the Pole varieties, viz.: quality, size, earliness and productiveness. All these qualities we claim for the Dreer's Bush Lima. Our past season's trials at our Rosemont experimental grounds have fully confirmed our good opinion of its merits. It is a true bush variety of Dreer's Improved Pole Lima, possessing all the good qualities of that excellent and well-known sort. The plants grow from $1\frac{1}{2}$ to 2 feet high, of vigorous bushy habit, producing pods in great abundance, and ripen fully 10 days before the pole sort. We distributed this Bean to a limited extent last year, and reports received from competitors for the prizes offered for the plant producing the greatest number of pods convince us that it is the coming Bush Lima. Martin Geary, winner of the first prize, writes: "*Your Bush Lima Bean is certainly wonderful. I never saw such a beaver; pods well filled, beans round and full, very tender and sweet; plants very healthy and looking beautiful when growing. You will see by the little plant I send you what a great bearer it is. I have no doubt it will become a leading bean. I cannot say half enough in its praise.*"

Per pkt., 20 cts.; 3 pkts. for 50 cts.

BURPEE'S BUSH LIMA BEAN.

This remarkable novelty is a true bush form of the Large Lima Bean, which originated a few years ago in Chester county, Pa., where a single dwarfed plant was found in a large field, the entire crop of which had been destroyed by cut worms. The permanency of this strain appears to have been fixed from its origin, as successive crops have developed and perpetuated the dwarf form without variation. It is not as early nor as free a bearer as the Dreer's Bush Lima, but will no doubt be largely grown in the future, particularly where poles are inaccessible or undesirable.

Per pkt., 20 cts.; 3 pkts., 50 cts.

HENDERSON'S BUSH LIMA BEAN.

The pioneer of the Bush Limas. This is a dwarf variety of the Sieva or Southern Lima. It produces enormous crops of delicious beans two weeks earlier than the Pole Limas.

Per pkt., 10 cts.; pint, 30 cts.; qt., 50 cts. (by mail, 15 cts. per quart additional).

One packet of each of the three varieties of Bush Limas for 40 cents.



Improved Ne Plus Ultra Corn.

This is a decided improvement on that excellent variety, the Little Gem, or Shoe Peg, which is justly regarded as one of the sweetest Corns grown—the only objection to it being its small size. This new and improved variety will fill a long-felt want. It has the same excellent qualities as the old variety, with the deep, narrow, irregularly set grain and very small cob, but the ears are much larger in size, the plant of larger and stronger growth and more productive, yielding frequently 3 and 4 well-filled ears to a stalk. It will undoubtedly become a favorite market sort, as it exceeds all others in sweetness and productiveness. The accompanying illustration is taken from a photograph of a stalk bearing four well-developed ears.

Per pkt., 20 cts.

BECK'S COLUMBUS MUSK MELON.

This fine Melon, which is offered for the first time this season, is a distinct and very superior variety, combining in a high degree size, sweetness and fine keeping and cropping qualities.

The flesh is peculiarly spicy, melting and sweet. The skin is finely netted, and the fruits are of perfect nutmeg shape. As a shipping Melon it is unsurpassed. Specimens sent from Nebraska that were two weeks in transit not

only arrived in fine condition in Philadelphia, but remained so for almost two weeks thereafter.

Per pkt., 20 cts.; 3 pkts., 50 cts.

NEW PEA, HEROINE.

This new, medium early Pea comes in between Advancer and Champion of England, and bears a profusion of large, long, slightly curved, pointed pods, containing from 9 to 10 large Peas of finest quality. It is an improvement on Stratagem and Pride of the Market, and is destined to eclipse these varieties.

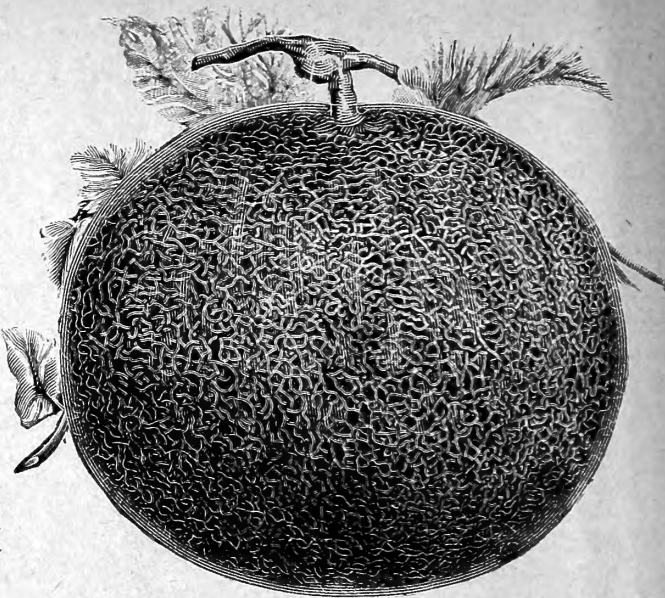
Per pkt., 10 cts.; pt., 30 cts.; qt., 50 cts. (by mail, 65 cts.).



THORBURN'S EVERBEARING CUCUMBER.

The peculiar merit of this new and unique variety is that the vines continue to flower and produce fruit until killed by frost, whether the ripe Cucumbers are picked off or not; in this respect it differs from all other sorts in cultivation. Cucumbers in every stage of growth will be found on the same vine. It is of small size, very early, enormously productive and valuable as a green pickler.

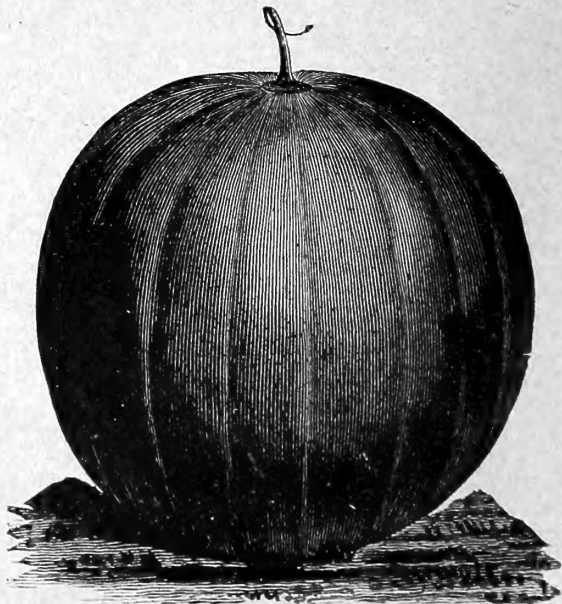
Per pkt., 10 cts.; oz., 20 cts.; 1 lb., 50 cts.; lb., \$1.50.



The Banquet Musk Melon.

This very fine Melon is the result of many years' careful selection by one of the most experienced Melon growers in the country, who regards it as his finest production, and the best of all red-fleshed varieties. The fruit is of medium size, very flat at both ends, and most beautifully netted. The flesh is thick and solid, of a rich dark salmon color, and of unsurpassed flavor. It is an excellent frame variety.

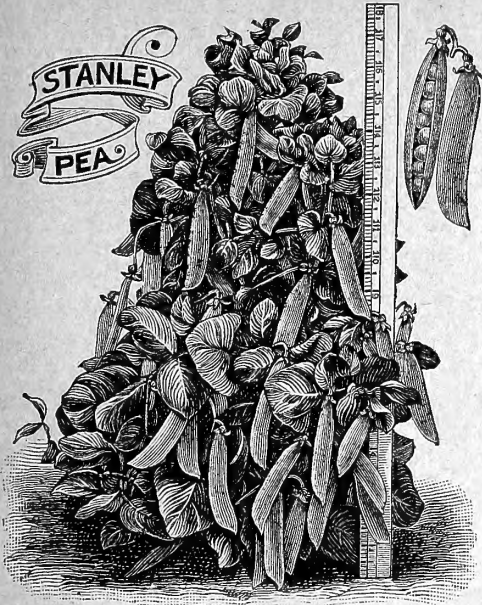
Per pkt., 10 cts.; 3 pkts., 25 cts.; oz., 40 cts.



Turkish Dwarf Water Melon.

This variety, which is now offered for the first time, is of Turkish origin. It is an extra early sort and the vines are of dwarf habit, allowing the plants to stand at least one-third closer than the ordinary sorts. The color is a smooth dark green, with stripes of light green running from pole to pole. The Melons are round in shape, and will average about 10 lbs. in weight. The quality is excellent, fine grained and sweet. It will no doubt prove a valuable variety for early market.

Per pkt., 15 cts.; 2 pkts., 25 cts.



THE STANLEY PEA.

This delicious, new Pea is the sweetest in existence. It is a cross with American Wonder and Telephone, and inherits the delicacy of these fine varieties. When seen growing with other sorts, it is conspicuous for its uncommonly large foliage, its strong stocky vine and the abundance of its fine large pods. In rich soil it grows about eighteen inches high, bearing pods four inches in length. It is a tremendous cropper and ripens its pods very evenly, so that nearly the entire crop may be taken at one picking. We offer it as put up by the introducer in two ounce packets, at 15 cts. per pkt.; 2 pkts., 25 cts.

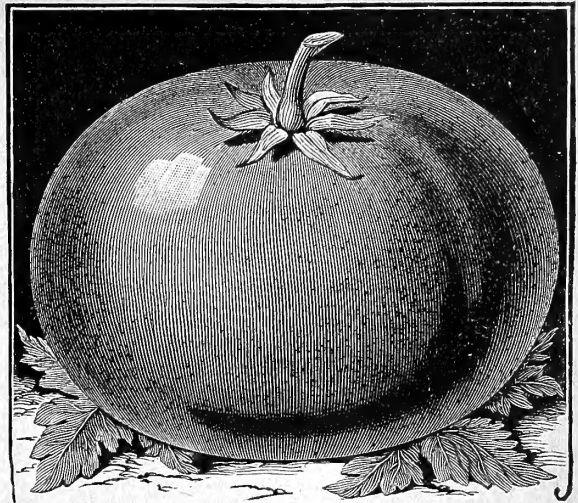
DREER'S STANDARD POTATO



DREER'S STANDARD POTATO.

This valuable extra early Potato has won golden opinions from all who have grown it. It ripens from 7 to 10 days earlier than the Early Rose, and is one of the most prolific varieties in cultivation. In a comparative test of nine new varieties at the Rural Trial Grounds in 1890, the report reads: "Dreer's Standard took the lead, yielding at the rate of 766 bushels to the acre; quality of the best." The tubers are large, oblong, with shallow eyes and of handsome appearance; flesh white and firm, with no symptoms of rot. Vines are medium size with deep green foliage and healthy in all respects.

Peck, \$1.00; bushel, \$3.00; bbl., \$6.00.



TOMATO, LONG-KEEPER.

This excellent variety is the result of several years careful selection by Mr. E. S. Carman, editor of the *Rural New Yorker*. In our experimental grounds last summer it proved to be one of the best and a desirable acquisition. The fruit is of medium size and shapely form. It is remarkably solid and a long keeper; of a deep pink color; entirely distinct; very suitable for slicing and a good salad Tomato.

Per pkt., 10 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., \$1.25; lb., \$4.00.

Atlantic Prize Tomato.

This Tomato proved identical with the Early Ruby in our trial grounds last summer. It is claimed to be the earliest variety in cultivation. It has been grown for several years by some of the most successful market gardeners of Atlantic county, N. J., who have invariably had their fruit in market two weeks ahead of all competitors. A peculiar feature of this variety is the open habit of the plant, which spreads out on all sides, exposing the fruit in a cluster in the centre, enabling the sun to reach and ripen them quicker than other varieties.

Per pkt., 10 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., \$1.25; lb., \$4.00.

THE STONE TOMATO.

This fine variety was first sent out last year and claimed by its introducer to be the nearest to perfection of any yet produced. In our trials last summer it proved to have all the good qualities claimed for it, and we have thought so well of it as to have a colored illustration made, which may be seen on the second page cover of this catalogue. The fruit is very large, deep and solid, of a bright scarlet color, very smooth, ripening evenly to the stem without a crack.

Per pkt., 10 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., \$1.25; lb., \$4.00.



Cook's Favorite Squash.

This very desirable Squash will be certain to please the most exacting. The skin is of a rich cream color, and of a shade that will attract attention. It attains a length of 20 to 30 inches and 6 to 9 inches in diameter; a vigorous grower, very prolific; flesh deep orange, extra fine grain; superior for table use, for pies or canning, and excellent for dairymen to feed to milch cows.

Per pkt., 10 cts.; 3 pkts., 25 cts.

NEW GIANT WHITE CUCUMBER.



New Giant White Cucumber.

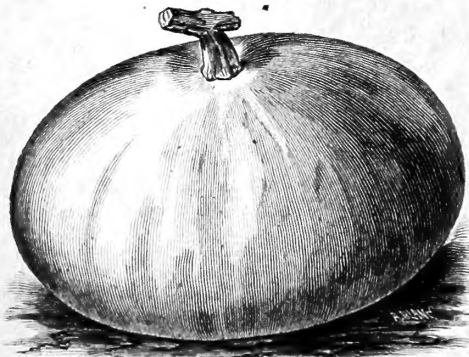
This interesting variety is a novelty of exceptional excellence. The Cucumbers are of a pure white color, making them very attractive for the table. They grow to a large size, reaching when full grown a length of twenty inches by ten inches in circumference, perfectly straight and of uniform size from end to end, flesh very solid and crisp and of superior quality.

Per pkt., 15 cts.; 2 pkts., 25 cts.

ECKFORD'S NEW PEA. Shropshire Hero.

This grand new Pea is a recent introduction of that celebrated specialist, Mr. Henry Eckford, and is unquestionably one of the best he has produced. It is a second early wrinkled variety, growing about 2½ feet high, producing long, handsome, well-filled pods in great abundance. The Peas are of large size and exquisite flavor. It was one of the best in our trial grounds last summer.

Per pkt., 10 cts.; qt., 50 cts. (by mail, 65 cts.).



SWEET-NUT SQUASH.

This is a decided improvement on all small round Squashes heretofore offered. The fact of its being *borer proof* insures a crop, and a thorough trial has proved it to be the sweetest and best flavored of all the late introductions. When prepared it possesses the taste of Sweet Potato, even before being sweetened; having a soft outer shell, it is easily prepared; outer color white, with occasional flakes of pale green.

Per pkt., 10 cts.; oz., 40 cts.

ASPARAGUS POLE BEAN.

This is not by any means a new bean, but its excellent qualities entitle it to special attention. It has round green pods, from eight to twelve inches long; very productive, and one of the tenderest sorts grown.

Per pkt., 10 cts.; pint, 30 cts.; qt., 50 cts. (Postage, 15 cents per quart extra.)

Vaucluse Water Melon.

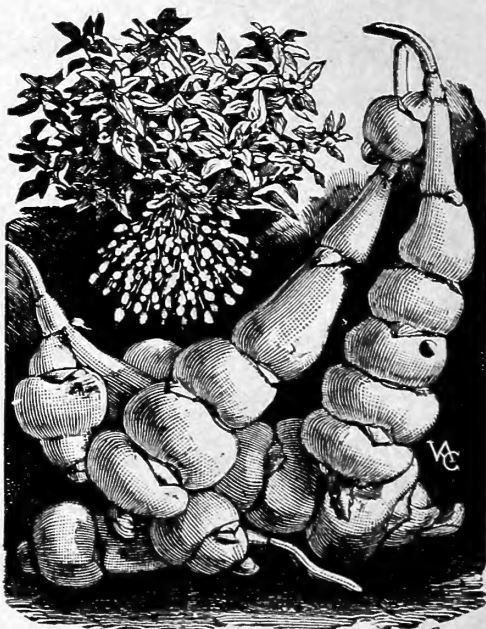
This variety is of French origin, and is distinguished from all others by its bright red seeds. The fruit is of good size, elongated, egg-shaped, and ripens early; skin bright glossy green, veined with darker green, of handsome appearance; flesh brilliant red, very melting and juicy, and of exquisite flavor.

Per pkt., 10 cts.; oz., 20 cts.

ALLEN'S "MAUD S." PEA.

This is a choice selected strain of the Extra Early Pea, which we can highly recommend. It has been carefully selected for many years by the originator, and is now as near perfection as it is possible to make it. For purity of type and perfection in quality, it is unsurpassed. As a Market Gardener's Extra Early Pea, it is especially desirable.

Per pkt., 10 cts.; qt., 30 cts. (by mail, 45 cts.); peck, \$1.50; bush., \$5.00.



JAPANESE ARTICHOKE (STACHYS AFFINIS).

JAPANESE ARTICHOKE. (Stachys Affinis.)

A great deal has been said in favor of this remarkable vegetable by European Horticulturists in the past few years, some even claiming it to be superior to the potato. The plant forms neat bushes about 15 inches high, is perfectly hardy, and is cultivated in the same manner as the potato. From the axis spring a large number of fibrous roots, on which the tubers are produced in immense numbers. They are pearly white, and when cooked by boiling, steaming or roasting, and served with melted butter, in much the same manner as the Globe Artichokes, they are delicious in flavor, and make an acceptable dish. Full size tubers should be selected for planting, and the soil should be well pulverized to enable the roots to run freely, and the tubers to swell without hindrance. They may be left in the ground through the winter, and dug up as required, covering the surface of the earth to prevent the frost from hardening the soil.

Tubers, 20 cts. per doz.; 75 cts. per 100.

→ NOVELTIES IN FLOWER SEEDS. ←

The following Novelties are mostly of this year's introduction, and the descriptions are as received from the introducers. In our General List of Flower Seeds, pages 44 to 79, will be found all worthy novelties of recent introduction that have proved to be desirable acquisitions.

Novelties in PLANTS will be found under their respective headings in the Plant Department, pages 80 to 140.

COMET ASTER, NEW CARMINE.

No. 4000. A lovely new color in this charming class of Asters, and a worthy companion to the beautiful varieties previously introduced; flowers of a brilliant carmine, very large and extremely double, with the curled and twisted petals peculiar to this class.

Per pkt., 25 cts.

COMET ASTER, NEW PURE WHITE.

No. 4001. This is the latest and most beautiful variety of this new class and is offered this season for the first time. The flowers are very large, and composed of long pure white petals with the characteristic arrangement resembling a Japanese Chrysanthemum.

Per pkt., 35 cts.



COMET ASTER, NEW CARMINE.



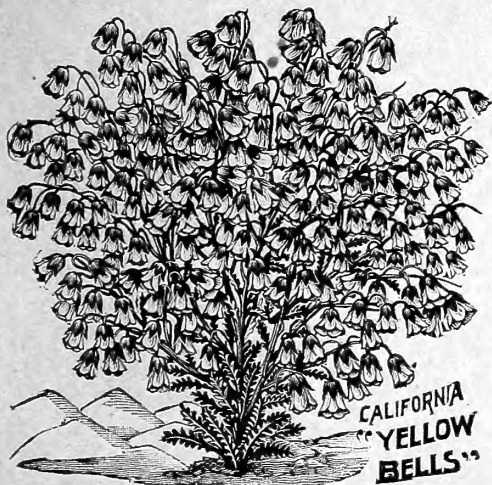
JEWEL OR BALL-SHAPED ASTER.

JEWEL OR BALL-SHAPED ASTER.

(New Rose and White.)

No. 4002. A splendid variety of this handsome new class, of which two varieties, the Apple Blossom and deep pink, were offered for the first time last year. This latest introduction has lovely rose and white flowers of the same beautiful form as its predecessors.

Per pkt., 25 cts.



CALIFORNIA GOLDEN BELLS.

(*Emmanthe pendulifera*.)

No. 4006. A decided and meritorious novelty from California. It is an annual, forming bushy plants, 9 to 12 inches high; each branch is loaded with broadly bell-shaped pendulous unwithering flowers, about half an inch long, of creamy yellow color. The general effect of a branch is very suggestive of a long spike of Lily of the Valley, with large yellow bells; the foliage, however, is pinnatifid.

Per pkt., 25 cts.

MINIATURE BLUE CORN FLOWER "VICTORIA."

No. 4007. A charming miniature form of this popular flower, rarely exceeding 8 inches in height, the plants forming very pretty globular bushes, which are profusely covered with dark blue flowers.

Per pkt., 20 cts.; 3 pkts., 50 cts.



Candytuft, Dreer's Mammoth White.

No. 4005. This is a great improvement on the well-known White Rocket Candytuft, bearing large trusses of pure white flowers, double the size of the old variety. It is of dwarf growth, very free-flowering and excellent alike for pot culture or the open ground.

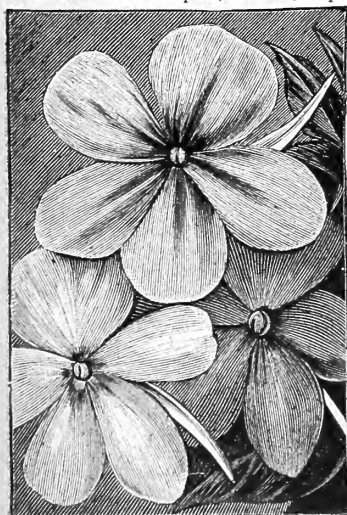
Per pkt., 10 cts.; 3 pkts., 25 cts.; per oz., 50 cts.



CALENDULA, QUEEN OF TRIANON.

No. 4035. A beautiful variety of the popular ever-blooming Pot Marigold, of dwarf bushy habit, growing about 1 foot high. The flowers are a bright canary yellow with dark maroon centre, and are produced in great abundance. It is an admirable plant for the border and for cutting and will thrive in any situation.

Per pkt., 10 cts.; 3 pkts., 25 cts.



IMPATIENS SULTANI HYBRIDA.

Impatiens Sultani Hybrida.

No. 4012. Remarkably beautiful hybrids of this much admired plant in varying shades of color, from delicate pink to the deepest red. The Impatiens is admirably suited to greenhouse or window decoration on account of its easy culture as a pot plant.

Per pkt. (40 seeds in pictorial packet), 35 cts.

IMPATIENS SULTANI KING ALBERT.

No. 4013. This is decidedly the finest of the above new hybrids; its flowers are of an exquisite rosy crimson shade and are freely produced. It is a most charming and beautiful plant for pot culture, lasting a long time.

Per pkt. (30 seeds), 35 cts.

GLOXINIA GRANDIFLORA "CORONA."

No. 4009. A splendid new hybrid of this choice flower, distinguished by its enormous blooms, 3 to 4 inches across, with 6 and often 7 divisions or lobes and a large richly veined throat of deep violet red, passing into a beautiful indigo towards the orifice. This color merges into a pure white outer ground, marked with innumerable dark blue spots.

Per pkt., 50 cts.



HELICHRYSUM, SILVER BALL.

No. 4010. A splendid new variety of this favorite everlasting flower. The plant grows about 2½ feet high, with luxuriant bright green foliage, and produces a great profusion of large, regularly formed double flowers of the purest white.

Per pkt., 20 cts.; 3 pkts., 50 cts.

Chrysanthemum, New Japanese and Chinese Hybrids.

No. 4004. The seed here offered has been saved from Mr. T. H. Spaulding's magnificent collection, from blooms that have been carefully crossed, and may be expected to produce some rare novelties in this popular flower. Chrysanthemum seed sown in spring will produce vigorous flowering plants by fall and do better than old plants.

Per pkt., 25 cts.



TULIP POPPY.

(*Papaver glaucum.*)

No. 4018. From a mere description no adequate idea can be gained of the strikingly beautiful effect presented by a bed or mass of this magnificent Poppy when the plants are in full bloom, the color being, even when seen from a distance, of such a glowing scarlet as to perfectly dazzle the eye, suggesting at once a bed of Scarlet Tulips; hence the appropriateness of the name. The plants grow about 14 inches high, and produce from 50 to 60 flowers, well above the foliage.

Per pkt., 25 cts.

NEW PURE WHITE MIGNONETTE.**(Reseda Grandiflora Alba Pura.)**

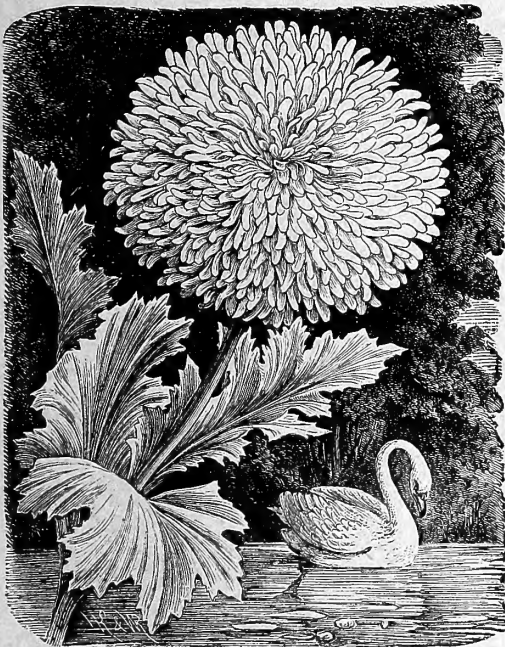
No. 4011. A Mignonette with pure white flowers should attract attention, and this is what the introducer claims for this variety. It comes to us from France, where this delightful flower is grown in great perfection. The flower spikes are very large and deliciously sweet-scented. The plants, which grow in candelabra-form, are of robust growth, and produce from 50 to 70 spikes to each plant. It will prove invaluable for cutting and for pot culture.

Per pkt., 35 cts.

**NEW STRIPED FLOWERED
TUBEROUS BEGONIAS.**

No. 4008. The introducer writes us: "I am gratified in being able to offer this season seed of an entirely distinct class of *Striped Tuberous Begonias*, combining both attractiveness and originality. It includes nearly all the colors common to the older varieties, and in addition a rich chrome yellow. The flowers are marked or striped after the manner of a Carnation, with a great variety of pleasing shades of white, yellow and red, which is conspicuous even in the flower buds."

Per pkt. (100 seeds in pictorial packet), 35 cts.

**WHITE SWAN POPPY.**

No. 6387. The introducer describes this Poppy as probably one of the finest novelties of recent introduction. The plant forms a dense freely branching bush 2 feet in height; above this are elevated on strong, slender stems, the very large flowers. These are of immense size, very double, with beautifully laciniated petals, and of the purest possible white. It lasts much longer in bloom than any other Poppy. Its luxuriant green foliage and pure white flowers will make it a conspicuous object when planted in groups or as single specimens in the garden.

Per pkt., 10 cts.; 3 pkts., 25 cts.

CARDINAL POPPY.

No. 4019. A new double variety of dwarf, and very robust and compact habit. The plant grows about 18 inches high, and is furnished with deeply cut dark green foliage, and from 10 to 12 enormous and very double flowers of glowing scarlet on a white ground. It is an uncommonly showy and very effective variety.

Per pkt., 20 cts.; 3 pkts., 50 cts.

**STREPTOCARPUS.****(New Hybrid Cape Primrose.)**

No. 4024. A beautiful new race of greenhouse perennials of dwarf, neat habit, growing about 9 inches high. Seedling plants produce from two to five blooms on a stem the first season, and generally throw up fifteen to twenty-five flower spikes. As the plant becomes older and stronger the flowers are produced in greater abundance. If seed is sown in January and February, the plants come into bloom the following June and July, and continue flowering freely until the end of September and October.

Per pkt., 50 cts.

SAGITTARIA MONTEVIDENSIS.**(The Giant Arrow-Head.)**

No. 4021. This is a grand addition to our list of Water Plants, producing large sagittate foliage two to four feet in height, and spikes of large pure white flowers, marked with three maroon spots.

Per pkt., 25 cts.



DWARF GOLDEN STRIPED ZINNIA.

New Dwarf Double Zinnia.**(Golden Striped Foliage.)**

No. 4016. The introduction of this new sort gives an interesting variety to the double Zinnias, the foliage being beautifully striped and marbled with yellow. The plants are of dwarf, compact growth, with large, well-filled, double flowers in various colors, contrasting beautifully with the variegated foliage.

Per pkt., 25 cts.

NICOTIANA COLOSSEA (Giant Tobacco).

No. 4014. This imposing foliage plant attains a height of 10 feet. The leaves, of about 3 feet in length by 18 to 20 inches in breadth, are erect at first, gracefully bending downward successively. When young they are downy and of a reddish tint, changing to a glossy dark green later on, this lovely green contrasting beautifully with the reddish brown ribs. The plants, being of branching habit and of robust growth, and the leaves being very tough, are never damaged by wind or rain. It develops fully from seed the first year and blooms the second.

Per pkt., 35 cts.

Petunia, Clematis Flowered.

No. 4020. An entirely new form of this popular plant. The rich purple blue flowers of the darker variety bear a striking resemblance in form and color to the well-known Clematis Jackmanni. The Clematis group presents several equally acceptable colors that are surprisingly fresh and pleasing.

Per pkt., 35 cts.



VICTORIA STOCK, PURE WHITE.

VICTORIA STOCK, PURE WHITE.

No. 4022. This beautiful new winter-flowering stock has been brought to a high degree of perfection by years of careful selection and cultivation. It is a cross between the Ten-weeks and the Winter-flowering Stocks, and if sown in spring the plant commences to flower in the autumn much earlier than any other kind, and continues flowering throughout the winter with but slight protection. The plant is of compact, robust habit, producing profusely from 80 to 90 per cent. of pure white, double flowers.

Per pkt., 25 cts.

PERPETUAL PERFECTION STOCK.

No. 4023. An excellent variety, of great value to florists, producing uninterruptedly a great abundance of flowers from June until November. The plants are of strong growth, 1½ feet high, and fine branching habit. **Pure White.** Per pkt., 20 cts.

No. 4038. **Carminé.** Per pkt., 20 cts.

TROPÆOLUM LOBBIANUM "BISMARCK."

No. 4015. Among the Climbing Tropæolums we think this variety will take first place. It grows to a height of 5 to 7 feet, and is covered from June to October with the brightest scarlet flowers imaginable, contrasting richly with the small, pale, pea-green foliage. A constant summer blooming climbing plant, of so rich a scarlet, has been long in demand.

Per pkt., 25 cts.

**Pyrethrum Uliginosum.**

(The Giant White Daisy.)

No. 4036. This splendid hardy perennial is one of the finest of late summer and autumn blooming plants, producing in large quantities its pure white Daisy-like flowers, about 3 inches in diameter. The flowers are borne on long stiff stems, and are very lasting. As a flower for cutting or for the decoration of the border, it should be freely grown, and will give the greatest satisfaction. If sown early, it will bloom the first year.

Per pkt., 15 cts.; 2 pkts., 25 cts.

TYDÆA HYBRIDA GRANDIFLORA.

No. 4017. One of the most valuable greenhouse plants. It stands in favor with the well-known Cinerarias, and is a fit companion to them. The flowers are mostly tinged and spotted with brown, yellow, carmine, scarlet and white.

Per pkt., 50 cts.

**ZINNIA HAAGEANA PUMILA, FL. PL.**

No. 4037. This is a new, very double variety of the Mexican Zinnia, of decided merit. The plant is of very dwarf and spreading habit, growing to a height of not more than six inches when fully developed, and is literally covered with its pretty upright double flowers of an intense orange yellow color. As an edging plant, or for pot culture, it will prove very useful.

Per pkt., 15 cts.; 2 pkts., 25 cts.

DREER'S GARDEN * CALENDAR FOR 1892.

— A CATALOGUE OF CHOICE —

◇ VEGETABLE, FIELD AND FLOWER SEEDS ◇



1838

1892

◇ NEW, RARE AND BEAUTIFUL PLANTS ◇

GARDEN IMPLEMENTS AND FERTILIZERS.

HENRY A. DREER,
Seed Store and Offices, 714 Chestnut Street,
PHILADELPHIA.

GREENHOUSES AND FARM, RIVERTON, N. J.

THE VEGETABLE GARDEN.



If practicable, the Garden should have a warm and southeasterly exposure. But when the ground slopes to the north and west it is important to have it located on the sunny side of an orchard or buildings. The most desirable situation possible should be set apart for the kitchen garden, as the exposure has much to do with the early maturity of the crops. The soil must be in a friable state to secure the prompt vegetation of the seeds and the proper growth of the plants. Soils are susceptible of alteration and improvement in texture; heavy clays can be rendered open and porous, and light sandy soils may be consolidated and rendered more retentive of moisture.

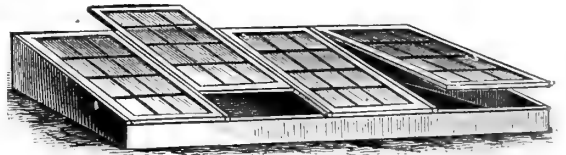
To secure a fair return in seasonable crops, for the labor and outlay invested, it is essential that the soil of the Vegetable Garden should be well drained, thoroughly trenched, and enriched by a judicious application of manure.

ROTATION OF CROPS.

A rotation of crops is as essential in vegetable gardening as in farming, as different plants appropriate different ingredients from the soil. Care should be taken that deep-rooted plants, such as Beets, Carrots, Parsnips, etc., are not planted successive seasons on the same soil, but should be followed by those plants whose roots extend but little below the surface, such as Onions, Lettuce, Cabbage, Spinach, etc.; plants of the Brassica, or Cabbage tribe, are apt to become diseased at the roots (club-rooted, as it is termed), if too frequently planted in the same ground.

HOT BEDS AND COLD FRAMES.

HOT-BEDS.—There are several aids to the economical management of the garden, which are almost indispensable; one of these is the hot-bed for growing early plants or vegetables. A frame, such as is shown in the illustration, may be made of various sizes, according to the size of garden, from two sashes upwards. The sashes are generally made 6 feet long by 3 feet wide, but we consider 4 feet preferable. Use 8 by 10 glass. The entire frame of four sashes is 16 feet 5 inches by 6 feet—allowing 1 inch separation on the bearers. The glass should be imbedded in the putty and secured with points, and well painted every year to keep in repair. After the season for use is past, store them away from the weather or keep in a pile with a board covering. Care in these respects will save considerable annual expense. The hot-bed should have a southern or southeasterly exposure, and should be made with fresh horse manure, which must be laid in a heap preparatory to being used; when in a proper state of fermentation, place the frame on the heap. Six inches of rich loamy soil must be spread over the manure, then cover the frame with the sashes, and after standing a few days to allow the rank heat and steam to pass off, the seed can be sown. The heap should be made two feet longer and wider than the frame. Where the ground is well drained, a better plan is to dig out a space the size of the frame from 1 to 2 feet deep, according to the season and the heat required, in which the manure is placed, care being taken to pack it firmly and evenly.



In addition to the hot-bed frame, mats or shutters will be required to cover the sash during cold days and nights.

COLD FRAMES.—The cold frame for wintering Cabbage, Cauliflower, Lettuce, Plants, etc., should be constructed of 1-inch boards 1 foot high at the back and 9 inches high in front; short posts, set four feet apart, will keep the frame in position. For ordinary gardens a frame 12 to 16 feet long and 6 feet wide will answer all requirements. The shutters should be 6 feet 4 inches long by 3 feet wide, made of common rough boards. The soil should be enriched by old and well-decayed manure; the object being to preserve and not to grow the plants during the winter. Give plenty of air every mild day, but do not expose the plants to the sun when the ground or plants are frozen, as it will destroy them.

Very many who read this article on hot beds and cold frames do not require the expense for a few vegetable and flower plants. To such there is an excellent substitute on hand in most dwellings, in the kitchen or basement windows, facing south or east, inside of which is a temperature usually not far from that required for the vegetation of seeds, and where seeds of early vegetables, or tender plants for the flower border, may be raised nearly as well, and with far less attention, than in a hot-bed.

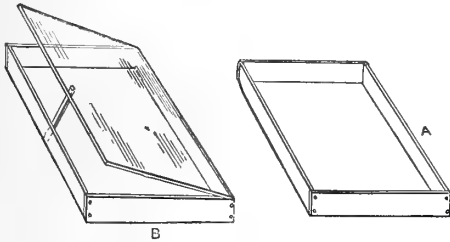
THOROUGH SEED TESTS.

For the protection of the planter and the benefit of the seller careful seed tests are made before the selling season at our extensive greenhouse establishment at Riverton, where each variety is subjected to the most critical test, which places us in a position to determine the germinating power.

The trial grounds at our Rosemont Experimental Farm are devoted to the growing of all new and old varieties, and furnish opportunity for comparison of their relative merits, and we are thus enabled to quickly ascertain, for our customer's interest, which sorts to recommend or discard.

Success with Flower Seeds.

Provided the soil is in a proper state, flower seeds may be sown in the open border in the months of April and May. The seeds should be sown as soon as the soil becomes dry and easily crumbled, after the spring frosts have disappeared. Care should be taken not to sow in a crowded border, as light and air are indispensable. They may also be sown in prepared beds of light, rich soil, and transplanted into the garden. The former is the more simple method, but not always as satisfactory. The better is to sow all fine seeds under glass in a greenhouse, hot-bed, or in the house. As to the depth to which seeds should be covered, the best general rule is to cover fine seeds very lightly, just enough to protect them from the sun; and in extremely dry weather a sprinkling of damp moss is very useful. With very fine seeds it is best to sow on the surface, and press them slightly into the soil. We are convinced that one of the most frequent causes of failure is in sowing the seeds too deep, and seedsmen are unjustly censured, when the fault lies with the cultivator.



For sowing seeds, shallow boxes 2 to 3 inches deep, and covered with a light of glass and with open seams at the bottom, so that the water can drain through quickly, are best. (These we keep in stock all ready for use.) The best soil is a mixture of equal parts of sand, leaf-mould, and light, rich garden loam, which should be thoroughly mixed and passed through a coarse sieve; then fill your pots, pans, or boxes within half an inch of the rim; press the soil firmly and evenly. If the soil is dry it is best to water freely a day or two before sowing the seed, to enable the surplus water to drain off. After they are sown cover slightly with fine soil, carefully water with a fine rose or spray dampener, to settle the soil. When they

are designed to be grown in the house, the temperature should be as near 60 degrees as possible; place them in a light window facing south or east.

The importance of uniform attention to watering may be best learned by experience and observation, but the inexperienced cultivator may be reminded that to omit a single watering and allow the young plant-germs from seed to remain in a parched state, or a too frequent indiscriminate watering, usually leads to the eventual loss of the whole. As soon as the plants appear, they will require careful attention, as the least over-watering may cause them to "damp off," and suddenly destroy all your hopes. They should now have as much sun as possible, and when the weather is pleasant some air may be admitted. As soon as the plants are large enough to handle, prick them into other boxes or pots, placing them about 1 inch apart each way; they must be shaded for a few days from the sun, until they are established. When large enough they can be potted in small pots, and kept until the proper season for planting in the garden.

The germination of many hard seeds, especially among greenhouse or hot-house species, which are almost impervious to moisture, is greatly accelerated by pouring warm water over them, or soaking them over night in camphorated water, and then sowing. Thus treated, the young plants appear in a few weeks; but without such treatment they often lie dormant many months. The varieties of *Acacia*, *Erythrina*, *Canna* and *Smilax* are the most prominent of this class.

Climbers, for garden decorations, should be sown in February and March, the earlier the better, as the display in season will be in proportion to their early vigor.

Calceolaria and **Primula** are types of a class that require entirely different treatment; to insure success they should be sown in pots or boxes half filled with rough siftings; on this put two inches of fine compost, and sift over this a top-dressing of the same material, using a fine sieve. Sow the seed on the surface and press gently in, using a flat surface. Sprinkle with a fine rose; cover with a pane of glass, and keep shaded from the sun. The surface should be kept damp, and the pots or boxes kept in a moist, warm temperature. As soon as the seedlings are strong enough they must be potted in small pots, in soil prepared as before, and kept in the same situation until well established.

WHY SEEDS FAIL.

From a conviction that the Seedsman's fair reputation is often unjustly defamed, through the failure of seeds, we would briefly state some of the causes.

Some cultivators, through ignorance or forgetfulness of the fact that the products of a garden, being natives of various soils and climates, require peculiar management, sow the seeds in the ground at improper seasons. To aid such we have prepared brief directions, founded on practical experience in the vicinity of Philadelphia, where gardening operations are generally commenced early in March. These directions may, however, be applied to all other parts of the United States, by an observance of the difference in temperature. Thus, to the North, the directions for March will apply to April; and at the South to January, February or whatever season gardening operations may commence in the respective States. The early and most hardy species and varieties should not be planted until the ground can be brought into good condition, as some species of plants, that in an advanced stage of growth will stand a hard winter, are often cut off by a very slight frost while young, especially if exposed to the sun after a frosty night.

Some species of seed, such as Beans, Beet, Cabbage, Lettuce, Radish, Salsify, Turnip, etc., being from their nature apt to vegetate quickly, are often destroyed while germinating through variableness of the weather, and some are liable to be devoured by insects in forty-eight hours after they are sown, and before a plant is seen above the ground, unless a suitable remedy is applied in time to destroy the insects.

Other species, such as Carrots, Celery, Leek, Onion, Parsley, Parsnip, Spinach, etc., being naturally of tardy growth, take (in unfavorable seasons) from two to three or four weeks to vegetate, are apt to perish through incrustation of the soil, or other untoward and unaccountable circumstances, which cannot always be controlled.

Failures often occur through seeds being deposited too deeply in the ground, or left too near the surface. Sometimes, for the want of a proper quantity of seed in a given spot, solitary plants will perish, they not having sufficient strength to open the pores of the earth, and very frequently injudicious management in over manuring and improperly preparing the soil causes defeat.

In some sowings of seed made during dry weather, with a drought following, a total failure often occurs from neglecting to firmly press or roll in the seeds, so that when they germinate the action of the heat and drought may not affect the germ. We are satisfied that thousands of pounds of Turnip, late Cabbage and other summer-sown seeds are annually lost from this neglect. Never tread or roll in the seeds when the ground is wet.

Do not raise Egg Plants, etc., in the same hot-bed with Cabbage, and other half-hardy plants that require air every mild day; by such management one or the other must suffer—heat being the principal requisite of tender plants, and air that of the more hardy varieties.

Directions to Correspondents.

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PHILADELPHIA, January, 1892.

The attention of our customers is respectfully called to the following directions, which will, if followed, be an aid to purchasers as well as to ourselves. We offer this year besides our usual choice selection of **Vegetable** and **Flower Seeds** some important **Novelties**, chief among them the **Dreer's Bush Lima Bean**, which another season's experience has proved to be a valuable acquisition to our list of vegetables, and one that will undoubtedly become a standard sort. Our Plant stocks are as usual in excellent condition, and cannot fail to be satisfactory in every way.

**POSTAGE PAID.**—We deliver, postage paid, to any Post Office in the United States, **Vegetable and Flower Seeds**, in **Packets, Ounces and Pounds** when ordered at Catalogue prices, except where otherwise noted at the foot of each page.

**EXPRESS.**—It will be very much cheaper to the purchaser if goods are ordered to be sent by Express or Freight at their expense, when desired in quantities of pounds, quarts and upwards. In all cases where possible we advise our customers to have their plants forwarded by Express, as larger and finer plants can be sent, and "extras" are added to help defray charges.

**FREIGHT.**—Fertilizers, Implements, and miscellaneous bulky or heavy articles can be sent only by Express or Freight, at the purchaser's expense.

**PACKING.**—No charge is made for boxes or packing, nor for delivery to Freight Depots or Express Office.

**REMITTANCES.**—Should be made by Post Office Money Order or Postal Notes, Drafts on Philadelphia or New York banks, or Express Money Orders. Where it is not possible to obtain these, the letters should be registered. We disclaim all responsibility when remittances are not made as above directed. Postage Stamps will be found a convenient method of remitting for small amounts, and can be used by us to advantage.

**CASH WITH ORDER.**—Please send money with the order sufficient to cover the whole bill, to facilitate the execution of your orders. During the busy season, to make out bills for customers, charge, and in a few days receive the money, make the proper credit and send receipt, requires more work than we can readily perform.

**NEW CUSTOMERS.**—Orders from parties unknown to us, to insure prompt attention, must be accompanied by a remittance or by satisfactory reference to some responsible house, or to some person of our acquaintance.

**ORDER EARLY.**—It will greatly facilitate shipment if orders are sent in early. We aim to send off all orders the next day after receipt, but during the busy season it is nearly impossible—hence the advisability of ordering **early**.

**ERRORS.**—We exercise the utmost care in filling orders, striving to do a little more than we offer, yet in the press of business errors sometimes occur, in which event we wish to be promptly notified of the fact, and will make such corrections as will be satisfactory. Please keep copies of all your orders for comparison.

**SAFE ARRIVAL OF PACKAGES.**—We endeavor to secure the safe arrival of packages of Seeds, Bulbs and Plants in good condition in every case. If a package is injured or lost, we will replace it as soon as informed of the fact. Frequently it happens that orders never reach us, or are without signature. When customers fail to receive their packages in a reasonable time, they should inform us, and at the same time send a copy of their order and any other information necessary to trace the goods.

**NAME AND ADDRESS.**—Please remember to write your **Name, Post Office, County and State** as distinctly as possible, and apart from the body of the letter, to facilitate execution and prevent errors; also the **nearest Express Office**, or, if on a Stage route, send us special directions, giving us the name of the Express Company delivering goods.

**PLANT ORDERS** should be on a **separate sheet**; the departments are separate, but shipments of seeds and plants are made in one parcel, to avoid additional Express charges.

LOCK BOX 1618.

HENRY A. DREER,  
Seed Warehouse, 714 Chestnut Street,  
PHILADELPHIA, PA.

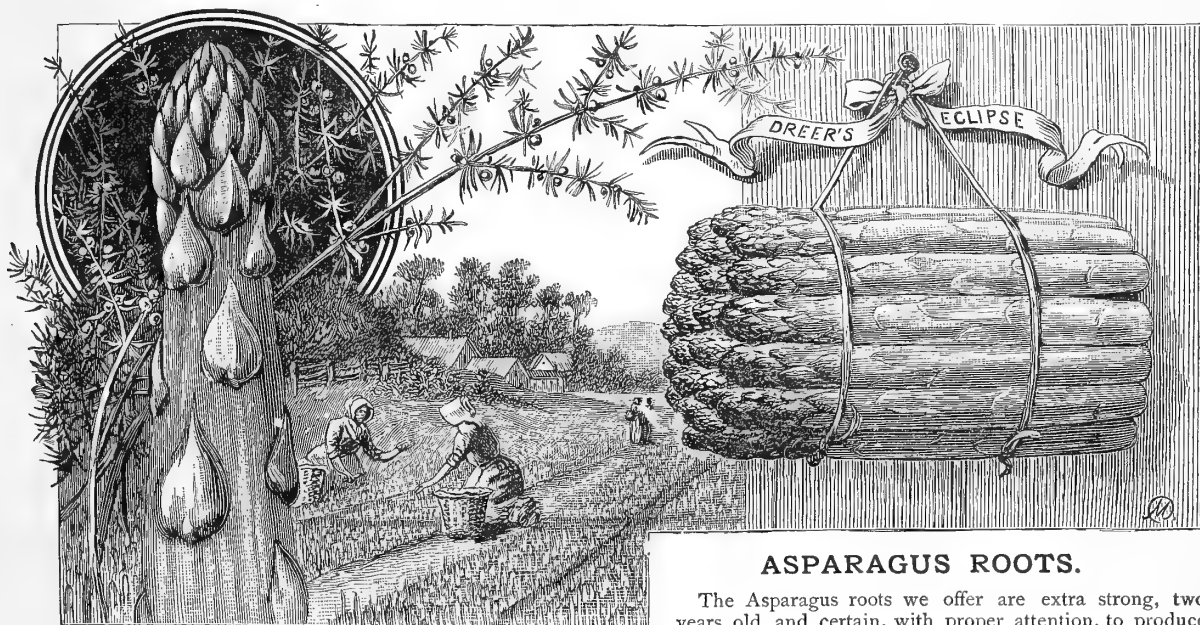
WM. F. DREER.

# DREER'S RELIABLE VEGETABLE SEEDS.

DREER'S Garden Seeds have been for more than fifty years a standard among the best gardeners of this country for undoubted purity and excellence.

Our Catalogue comprises all the leading old sorts and those of later introduction possessing sufficient merit to make them worthy of extended cultivation. We grow many varieties herein offered; the rest we procure from men of established reputation and from localities best adapted to the production of well-developed stock.

 We pay postage on Flower and Garden Seeds except where noted. 



## ASPARAGUS.

*Spargel*, GER. *Asperge*, FR. *Espárragos*, SP.

One ounce will sow forty feet of drill.

Sow in March or April, in rows 1 foot apart, and keep clean by frequent hoeing. When two years old transplant into permanent beds, which should be well and deeply manured and trenched to the depth of 18 inches. Set the plants in rows from 3 to 4 feet apart and 2 feet in the rows, spreading out the roots, and covering from 6 to 8 inches. On the approach of winter cover with manure or compost; fork the beds early in spring, and apply a dressing of salt at the rate of 600 lbs. an acre. Cut for use the second year, after planting in permanent bed.

**Conover's Colossal.** One of the best varieties, large and productive. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 60 cts.

**Dreer's Eclipse.** Beyond question this is the largest and finest Asparagus. Stalks frequently measure two inches in diameter, and, even when twelve to fifteen inches long, are perfectly tender. It is of remarkably rapid growth, and remains in good condition several days after being ready for cutting. Of medium green color, excellent flavor and attractive size, it is destined to become a leading market sort and in large demand for private gardens.

Pkt. 10 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.50.

## ASPARAGUS ROOTS.

The Asparagus roots we offer are extra strong, two years old, and certain, with proper attention, to produce satisfactory results.

**Conover's Colossal.** \$1.00 per 100; \$7.00 per 1000.

**Dreer's Eclipse.** \$1.25 per 100; \$9.00 per 1000.

Add for postage on Asparagus Roots 30 cts. per 100.

## ARTICHOKE.

Sow early in April, in rich soil, in drills 1 inch deep, about 12 inches apart, and thin out in the rows to 4 inches apart. When one year old transplant in rows 3 feet apart, and 2 feet in the rows. Protect during winter with a covering of manure or leaves. The bed will remain in bearing for years.

**Large Green Globe.** The best for general culture. Pkt. 10 cts., oz. 30 cts.

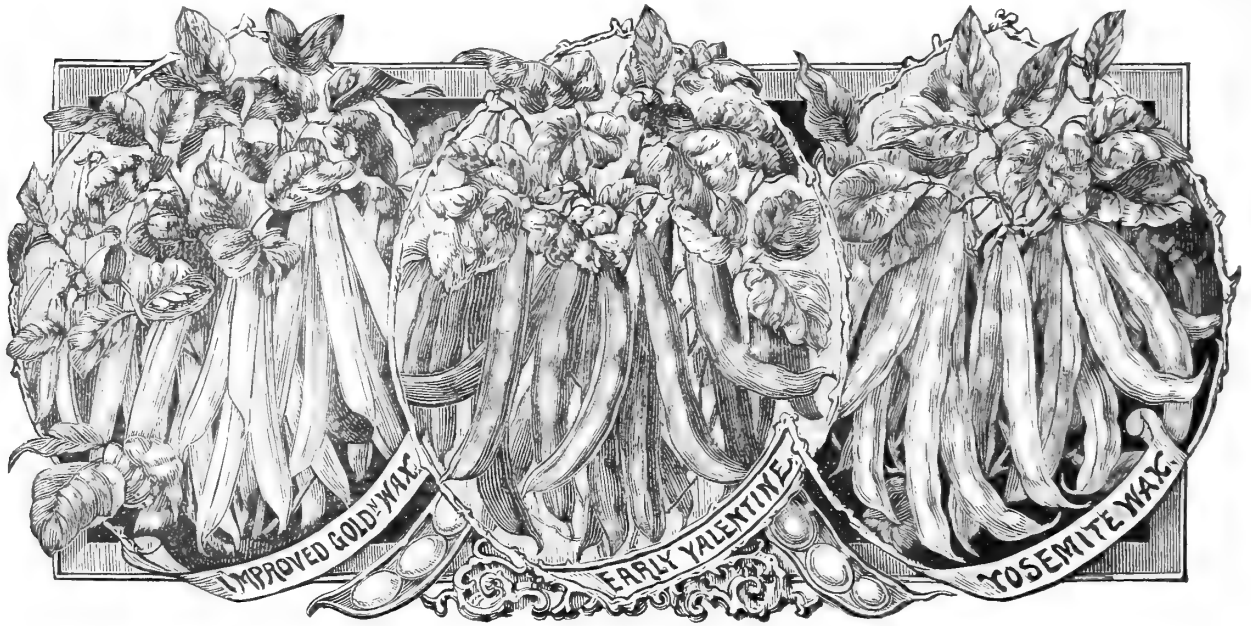
**Jerusalem.** A hardy and productive plant, used for pickling and feeding stock. Strong tubers. Qt. 20 cts., peck \$1.00, bush. \$3.00. (By mail 40 cts. per qt.)

## BEANS.

### English or Broad.

Used only as a shelled bean. Plant as soon as the frost is out of the ground, in strong, heavy soil, in drills 3 feet apart and 2 inches deep. Pinch off the tops as soon as the lower pods begin to fill.

**Broad Windsor.** The best for general culture. Pkt. 10 cts., qt. 40 cts. (By mail 55 cts. per qt.)



## BUSH BEANS.

*Buschbohnen, GER. Haricot Nain, FR. Habas o Frijoleno, SP.*

One quart will plant one hundred feet of drill.

The varieties of this class are tender, and will not bear much cold. Plant about the middle of April, if the ground is warm and the season favorable, and at intervals throughout the season for a succession, finishing about the 15th of August. The best mode of culture is in rows 2 feet apart, and the beans 3 inches apart and 2 inches deep in the rows. Keep well hoed, and draw the earth up to the stems, but only when dry; working them when wet with rain or dew will cause them to rust and injure the crop.

### DWARF GREEN PODDED SORTS.

**Improved Extra Early Red Valentine.** One of the very best sorts for private use or market.

Pkt. 10 cts., qt. 30 cts., peck \$1.50, bu. \$5.00.

**Early Mohawk.** The hardiest of the early varieties; also good for autumn pickling.

Pkt. 10 cts., qt. 30 cts., peck \$1.50, bu. \$4.75.

**Emperor William.** The earliest variety, pod green and thin, but stringless when young, and of fairly good quality for cooking. It is a first-rate Bean for shelling green, and the ripened crop can be used to advantage as a soup Bean.

Pkt. 10 cts., qt. 30 cts., peck \$1.50, bu. \$5.00.

**Extra Early Refugee.** A profuse bearing variety. One of the very best early sorts.

Pkt. 10 cts., qt. 30 cts., peck \$1.50, bu. \$5.00.

**Early Round Yellow Six Weeks.** New, stringless. A hardy and prolific variety, a good and reliable cropper.

Pkt. 10 cts., qt. 30 cts., peck \$1.50, bu. \$5.00.

**Sion House.** The best sort for forcing, as it comes early into bearing and produces long, stringless, mottled pods of excellent quality.

Pkt. 15 cts., qt. 40 cts., peck \$2.50.

**Henderson's Bush Lima.** This is a dwarf variety of the Sieva or Southern Lima Bean, which produces enormous crops of delicious beans two weeks earlier than the climbing Limas, with the advantage of not requiring poles.

Pkt. 10 cts., qt. 50 cts., peck \$3.00.

**Ne Plus Ultra.** An extra early variety, with full, flat pods; very productive and tender; an excellent sort for forcing. Pkt. 10 cts., qt. 40 cts., peck \$2.50.

**White Valentine.** The seed being white, gives it additional value, as it can be used as a snap-short or a winter shelled bean. Pkt. 10 cts., qt. 30 cts., peck \$1.50.

**Dreer's Bush Lima.** A dwarf variety of the Dreer's Improved Lima, and unquestionably the best of all the dwarf Limas. (See Novelties.)

**Boston Pea Bean.** An excellent variety of very productive habit; for baking they excel all other sorts.

Pkt. 10 cts., qt. 30 cts., peck \$1.50, bu. \$5.00.

**Black Turtle Soup.** Used as a winter shelled bean, for which it is much esteemed.

Pkt. 10 cts., qt. 30 cts., peck \$1.50, bu. \$5.00.

**White Marrowfat.** Extensively grown for sale as a dry bean for winter use, excellent shelled, either green or dry.

Pkt. 10 cts., qt. 25 cts., peck \$1.25, bu. \$4.00.

**White Kidney or Royal Dwarf.** A superior kind for baking, and is also excellent when shelled green.

Pkt. 10 cts., qt. 25 cts., peck \$1.25, bu. \$4.00.

### FRENCH DWARF FLAGEOLET BEANS.

These are used extensively by the French as shell beans when in the green state; they are of delicious quality, superior in flavor to the Limas.

**Wonder of France.** One of the best. The beans when cooked retain their green color, are of good flavor, and are borne profusely.

Pkt. 10 cts., qt. 40 cts., peck \$2.00, bu. \$6.00.

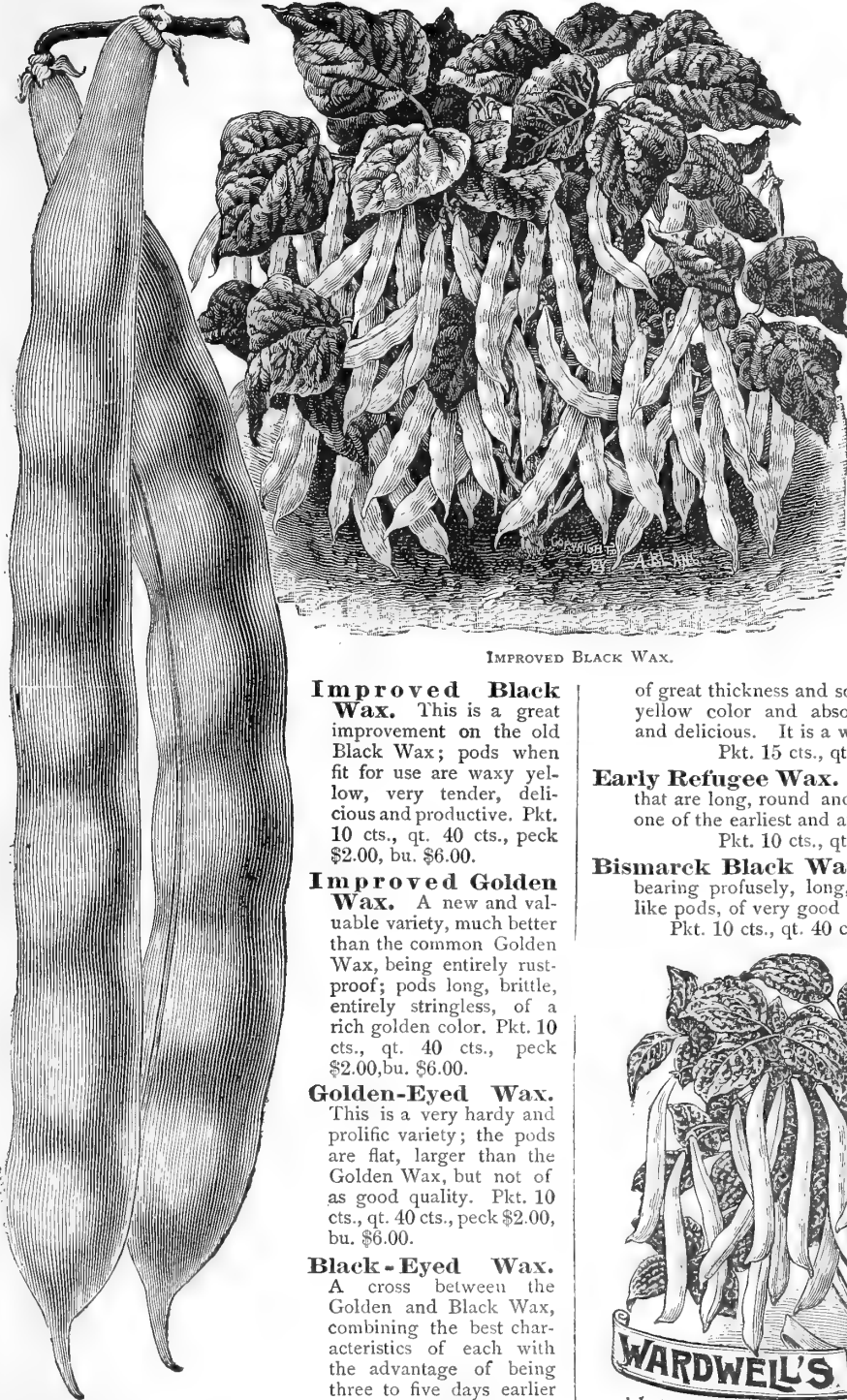
**Canadian Wonder.** Seeds red; pods large, broad, green and quite prolific.

Pkt. 10 cts., qt. 40 cts., peck \$2.00.

**Flageolet Chevrier.** Seeds and pods bright green even when fully ripe.

Pkt. 10 cts., qt. 40 cts., peck \$2.50.



**YELLOW PODDED WAX BEANS.**

IMPROVED BLACK WAX.

**Improved Black Wax.** This is a great improvement on the old Black Wax; pods when fit for use are waxy yellow, very tender, delicious and productive. Pkt. 10 cts., qt. 40 cts., peck \$2.00, bu. \$6.00.

**Improved Golden Wax.** A new and valuable variety, much better than the common Golden Wax, being entirely rust-proof; pods long, brittle, entirely stringless, of a rich golden color. Pkt. 10 cts., qt. 40 cts., peck \$2.00, bu. \$6.00.

**Golden-Eyed Wax.** This is a very hardy and prolific variety; the pods are flat, larger than the Golden Wax, but not of as good quality. Pkt. 10 cts., qt. 40 cts., peck \$2.00, bu. \$6.00.

**Black-Eyed Wax.** A cross between the Golden and Black Wax, combining the best characteristics of each with the advantage of being three to five days earlier than either variety. It is

a strong grower, very productive, tender, and of exceedingly fine flavor.

Pkt. 10 cts., qt. 40 cts., peck \$2.00, bu. \$6.00.

**Wardwell's Kidney Wax.** One of the very best Wax Beans, bearing long pods, of a delicate waxy yellow, entirely stringless and brittle, of fine buttery flavor and a heavy yielder.

Pkt. 10 cts., qt. 40 cts., peck \$2.00, bu. \$6.00.

**Perfection Wax** (*Crimson Flageolet Wax*). An excellent golden podded dwarf Bean. The pods are large and borne profusely; are stringless, tender and of fine flavor. It is remarkably productive, free from blight, and in all respects a desirable sort. Pkt. 10 cts., qt. 40 cts., peck \$2.00, bu. \$6.00.

**Saddle-Back Wax.** A valuable new variety of great merit, as early as the Black Wax and nearly twice as large, rounder, more pulpy, and entirely stringless. It is an enormous yielder, very hardy and absolutely rust-proof. Pkt. 10 cts., qt. 50 cts., peck \$3.00.

**White Wax.** Pods yellow and of good quality, does not spot easily, and is a good sort for ordinary use; it is also valued for its white seed as a winter shelled bean. Pkt. 10 cts., qt. 40 cts., peck \$2.00, bu. \$6.00.

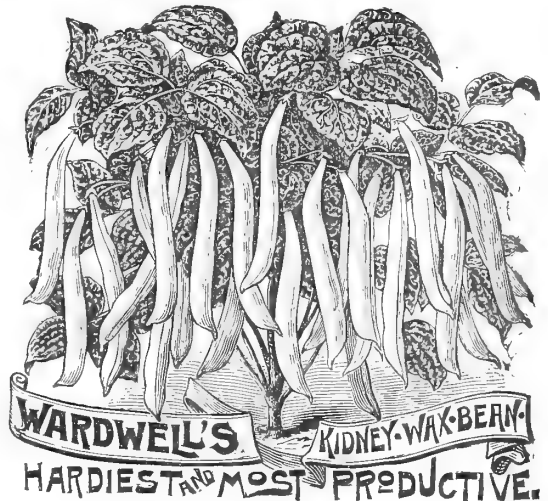
**Yosemite Mammoth Wax.** A giant among beans. The pods, frequently reaching a length of 8 to 10 inches, are of great thickness and solidity. They are of a rich golden yellow color and absolutely stringless, cooking tender and delicious. It is a wonderfully prolific variety.

Pkt. 15 cts., qt. 60 cts., peck \$3.50.

**Early Refugee Wax.** A perfect Refugee with wax pods that are long, round and of a golden yellow color. It is one of the earliest and an immense yielder.

Pkt. 10 cts., qt. 50 cts., peck \$3.00.

**Bismarck Black Wax.** A new and excellent variety, bearing profusely, long, nearly straight, white and wax-like pods, of very good quality and handsome appearance. Pkt. 10 cts., qt. 40 cts., peck \$2.00, bu. \$6.00.



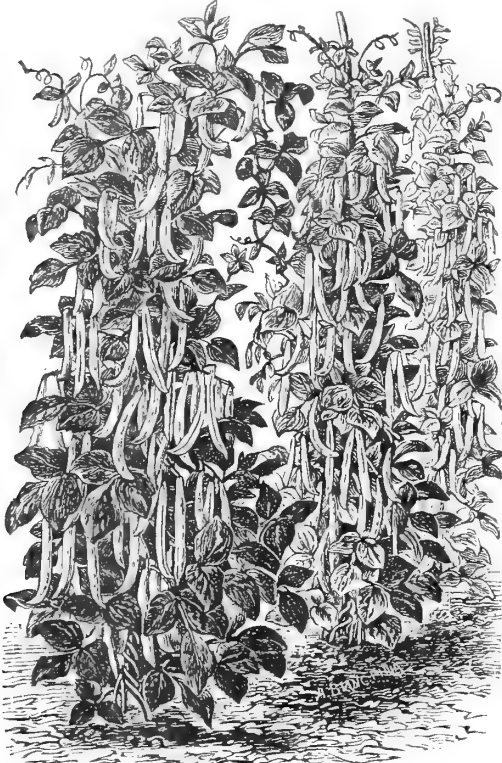
Mr. DREER: I write to let you know of my success with your Early Golden Cluster Pole Bean. Last spring I sent for a packet, which I planted. I am in the northernmost and coldest part of Canada, and this was an unfavorable season; but in spite of all disadvantages the beans bore a full crop of the largest and finest beans I have ever seen, which ripened for seed—so I think that your bean will grow any place where beans can be grown at all. CHARLES IVES, Miscouche, Prince Edwards Island, Canada.

# POLE BEANS.

*Stangen Bohnen, GER. Haricots à rames, FR. Frijol vastago, SP.*

One quart will plant about one hundred and fifty hills.

All under this head require poles 8 to 10 feet long, and should not be planted until the ground is warm, as they are more tender than the dwarf varieties. Plant about the middle of May if the season is suitable. Lima Beans are apt to rot if planted too early. Set poles 4 feet apart each way, and plant 4 to 6 beans about 1 inch deep around each pole. When sowing Lima Beans place the eye downwards, and thin out to 3 plants to a pole, if the soil is rich; pinch off the ends when the plants overrun the top of the poles, to effect more perfect growth below. They succeed best in sandy loam, with a shovelful of rich, light, and well-rotted compost to each hill, well incorporated. Lima Beans for early use may be grown in frames and transplanted.



DREER'S EARLY GOLDEN CLUSTER WAX.

## DREER'S GOLDEN CLUSTER WAX.

This is without exception the *best* Pole Bean. It bears profusely its long golden-yellow pods in clusters of three to six from bottom to top of pole, and continues in bearing from the middle of July till the vines are cut by frost. In all the points requisite to a good bean for market this variety excels. It is distinct in seed, in color and habit of growth. The pods retain their tenderness and plumpness long after the beans have attained a large size, so that only a few days elapse after they cease to be fit for string beans before they are fit to shell.

Pkt. 15 cts., qt. 50 cts., peck \$3.00, bu. \$10.00.

**Tall Black Wax, or Indian Chief.** One of the best to use as a snap-short or shelled in the green state.

Pkt. 10 cts., qt. 40 cts., peck \$2.25.

**White Dutch Runner.** An ornamental variety; large white seed and beautiful clusters of white flowers; good as a shelled bean. Pkt. 10 cts., qt. 30 cts., peck \$2.00.

**White Creaseback, or Best of All.** One of the earliest green-podded pole beans, exceedingly productive and of fine quality. Pkt. 10 cts., qt. 40 cts., peck \$2.25.

**Kentucky Wonder, or Old Homestead.** Producing in clusters excellent snap-short beans in 80 days from germination. Vigorous grower, prolific, bearing until killed by frost. Pkt. 10 cts., qt. 40 cts., peck \$2.25.

**Horticultural, or Speckled Cranberry.** Equally good as a snap-short or shelled in the green or dry state.

Pkt. 10 cts., qt. 40 cts., peck \$2.25.

**Scarlet Runner.** A great favorite, producing clusters of beautiful scarlet flowers. The leading pole bean of English markets. Pkt. 10 cts., qt. 30 cts., peck \$2.00.

**White Dutch Case-Knife.** One of the earliest, used as a shelled bean, green or dry.

Pkt. 10 cts., qt. 30 cts., peck \$2.00.

**Lazy Wife.** An excellent late green-podded pole bean. Pods of a medium dark green color, broad, thick, very fleshy and entirely stringless. The pods remain green and tender until nearly ripe; beans are white and excellent as shell beans for winter use. Pkt. 10 cts., qt. 50 cts.

## LIMA BEANS.

**Early Jersey Lima.** A few days earlier than the Large Lima. Pkt. 15 cts., qt. 50 cts., peck \$3.00, bu. \$10.00.

**Dreer's Improved Lima.** A very superior early variety, of excellent quality and great productiveness.

Pkt. 10 cts., qt. 40 cts., peck \$2.50, bu. \$9.00.

**Large White Lima.** This variety is largely grown and highly esteemed.

Pkt. 10 cts., qt. 40 cts., peck \$2.50, bu. \$9.00.

**King of the Garden.** A vigorous grower, bearing profusely, large pods, varying in length from 5 to 8 inches. The beans are large and of rich flavor.

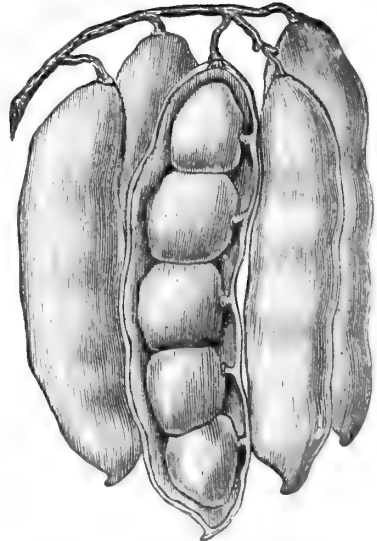
Pkt. 10 cts., qt. 40 cts., peck \$2.50, bu. \$9.00.

**Ford's Mammoth Lima.** A choice selection of the Large Lima, which we can confidently recommend. It produces pods and beans of enormous size and in great abundance. Pkt. 20 cts., qt. 80 cts.

**Small Lima, or Sieva.** The earliest of the Limas. A prolific bearer, beans small but of good quality.

Pkt. 10 cts., qt. 40 cts., peck \$2.50, bu. \$9.00.

THE BEST



POLE LIMA

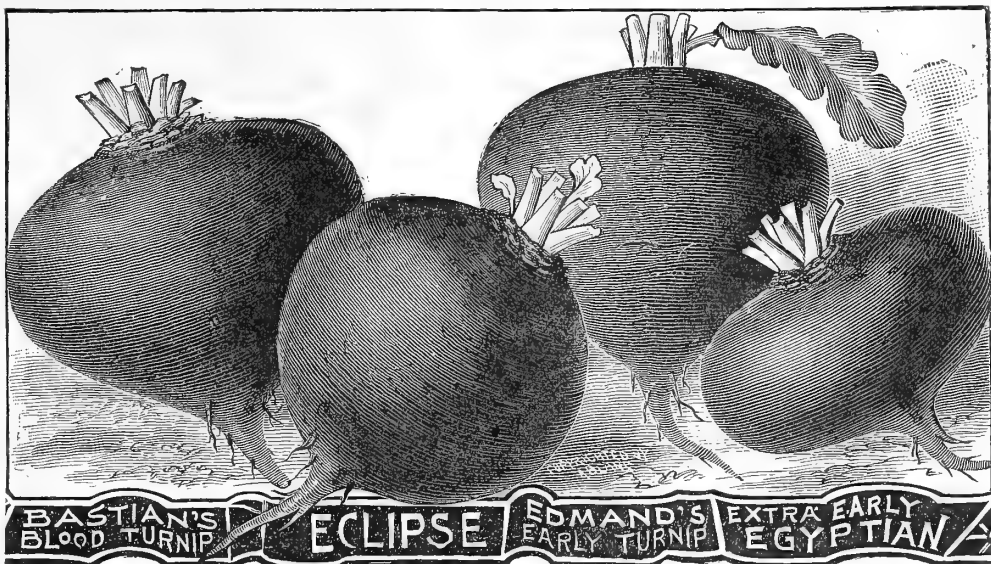
DREER'S IMPROVED LIMA.

# BEET.

*Rothe oder Runkel-  
rübe, GER. Bet-  
terave, FR. Acelga  
ò Remolache, SP.*

One ounce will sow fifty feet of drill. 5 to 6 lbs. for an acre.

The soil best suited for Beet culture is that which is rather light and well enriched. Sow in drills 1 foot apart and 1 inch deep, as early as the ground can be worked; when the plants are large enough thin out to stand 6 inches apart in rows; continue for a succession as late as the middle of July. Keep well cultivated. To preserve Beets during the winter select a dry piece of ground and put about 20 bushels in a pile, covering with sufficient earth to keep out the frost.



**Extra Early Bassano.** A very early flat variety, tender, juicy; flesh white and rose colored.

Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 65 cts.

**Egyptian Turnip.** One of the earliest, of good quality and medium size, a fine forcing variety, small top.

Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 65 cts.

**Eclipse.** Remarkable for its rapid growth, extreme smallness of top, and extra fine quality. Perfectly smooth and round; skin and flesh intense red; very fine grained and sweet. An excellent sort for forcing.

Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 75 cts.

**Bastian's Extra Early Turnip.** The perfection of a Beet for the market gardener and family use; very early, of quick, large growth, fine turnip form and bright red color, a good forcing variety.

Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 65 cts.

**Lentz Turnip.** Of similar size and shape to the Bastian Turnip; top small; dark red and white; early and profitable for market growers.

Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 75 cts.

**Early Blood Turnip.** Not as early as the Egyptian, but of good quality, blood-red, tender, and good for late keeping. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 65 cts.

**Edmand's Turnip.** An early variety possessing good qualities, flesh dark red and white, sweet and of good flavor. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 75 cts.

**Bastian's Half-Long Blood.** Of bright color and excellent quality; a valuable variety to follow Bastian's Extra Early; for winter use plant about the middle of July. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 75 cts.

**Improved Long Blood.** A good late variety for fall and winter use, sweet and tender.

Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 65 cts.

**Brazilian Variegated.** Beautiful for garnishing and flower garden decoration, the stems and veins being richly colored with crimson, yellow and white.

Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 40 cts., lb. \$1.25.

**Swiss Chard.** The midrib is stewed and served as Asparagus, and the leaves used as Spinach.

Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 75 cts.

**For Mangel Wurzel and Sugar Beets**  
see Farm Seeds, page 37.

## BROCCOLI.

*Spargel-Kohl, GR. Chou-Brocoli, FR. Brocoli, SP.*

**White Cape.** The best variety. Large, compact heads of a creamy white color and of good flavor. Can be grown where Cauliflower makes an uncertain crop.

Pkt. 10 cts., oz. 50 cts.,  $\frac{1}{4}$  lb. \$1.50.

## BRUSSELS SPROUTS.

*Rosen-Kohl, GER. Chou de Bruxelles, FR.  
Bretones, de Bruselas, SP.*

One ounce will sow 300 feet of drill.

Produces on the stem small heads resembling miniature Cabbages. The sprouts are used as greens, and become very tender when touched by frost. Sow in May, and manage as winter Cabbage.

**Improved Dwarf.** A standard variety; producing compact sprouts of fine quality. It seldom fails to produce sprouts, and is a good keeper.

Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 75 cts.

**Sutton's Matchless.** The leaves of this variety are smaller than those of other kinds, are of a pale green color, and stand out well from the stem. The buttons are large and solid and of delicious flavor, and come into proper condition for use two to three weeks ahead of other sorts. Pkt. 10 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. \$1.



BRUSSELS SPROUTS, SUTTON'S MATCHLESS.



## CABBAGE.

*Kopf-Kohl, GER. Chou Pomme ou Gabus, FR. Col à Repollo, SP.*

One ounce for a bed of forty feet will produce about 2,000 plants.

For very early use sow in January or February in hot-beds; prick out when the plants are strong enough into other hot-beds; or sow in cold frames in March, transplant when danger from killing frosts is passed to the open ground, in rows 2 feet apart and 18 inches in the row. For a succession sow in the open ground the last of March or early in April. To secure plants for wintering in cold frames sow the seed in well-prepared, rich ground, from the 10th to the 25th of September. When the plants are large enough prick them out of the seed-bed into the frames. It is important that the plants should be set down to the first leaf, so that the stem is all under ground. Protect during severe weather with a covering of glass, and give plenty of air and light during mild days. The plants are usually set out from the middle of March to the middle of April, in rows about 2 feet apart and 18 inches in the row. The autumn and winter varieties sow in April or early in May, in shallow drills, 3 or 4 inches apart; transplant early in July, in rows 2½ feet apart, and 2 feet in the row. Cabbage succeeds best in a fresh, rich soil, well manured, and deeply dug or plowed. The late plants are subject to attacks of the cabbage-fly, which destroys them as fast as they appear above ground. To preserve the plants sprinkle them with wood-ashes, air-slacked lime, plaster, slug-shot or tobacco dust early in the morning while the plants are wet with dew.

### EXTRA EARLY VARIETIES.

**Early Jersey Wakefield.** The leading early variety and the best for private use.

Pkt. 10 cts., oz. 30 cts., ¼ lb. \$1.00, lb. \$3.00.

**Express.** The earliest of all Cabbages, small in size, with solid, compact heads. It can be planted very close in the rows. Pkt. 10 cts., oz. 30 cts., ¼ lb. \$1.00, lb. \$3.00.

**Etampes.** A very early sort, producing medium-sized heads, very sharply pointed.

Pkt. 10 cts., oz. 20 cts., ¼ lb. 60 cts., lb. \$2.00.

**Early Winnigstadt.** A solid and tender variety; good for either early or late; in some sections the best early sort. Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts., lb. \$2.00.

**Early French Oxheart.** Heads very early, tender, and of fine flavor.

Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts., lb. \$2.00.

**Large Early York.** A superior early-heading robust sort. Pkt. 5 cts., oz. 20 cts., ¼ lb. 60 cts., lb. \$2.00.

### SECOND EARLY VARIETIES.

**Dreer's Early Drumhead.** A favorite with the market gardeners; a second early, large, solid-heading variety. Pkt. 10 cts., oz. 30 cts., ¼ lb. \$1.00, lb. \$3.00.

**Large Early Jersey Wakefield.** An extra selected sort, producing large solid heads, of good quality, a few days later than Early Jersey Wakefield.

Pkt. 10 cts., oz. 30 cts., ¼ lb. \$1.00, lb. \$3.00.

**Early Improved Flat Brunswick.** The best early Flat Dutch for market gardeners; either as a second early or late sort; short stems, large solid heads.

Pkt. 10 cts., oz. 30 cts., ¼ lb. \$1.00, lb. \$3.00.

**Henderson's Early Summer.** A second early sort with large solid heads, coming in a few days later than the Wakefield. Pkt. 10 cts., oz. 30 cts., ¼ lb. \$1.00, lb. \$3.00.

**Succession.** A second early round-headed sort, heads very evenly and comes in a few days after Early Wakefield. Pkt. 10 cts., oz. 40 cts., ¼ lb. \$1.25, lb. \$4.00.

**All Seasons.** An early Drumhead Cabbage, yielding heads of good size. Very desirable, either for extreme early spring or fall use.

Pkt. 10 cts., oz. 40 cts., ¼ lb. \$1.25, lb. \$4.00.

### LATE VARIETIES.

**Dreer's Selected Late Flat Dutch.** Short stem and large, solid flat heads. Our stock has been carefully selected for several years in order to get a cabbage of this type, and we are confident no better strain is on the market. Pkt. 10 cts., oz. 30 cts., ¼ lb. \$1.00, lb. \$3.00.

**Large Late Drumhead.** A favorite winter variety. It bears extra large solid heads.

Pkt. 5 cts., oz. 25 cts., ¼ lb. 75 cts., lb. \$2.50.

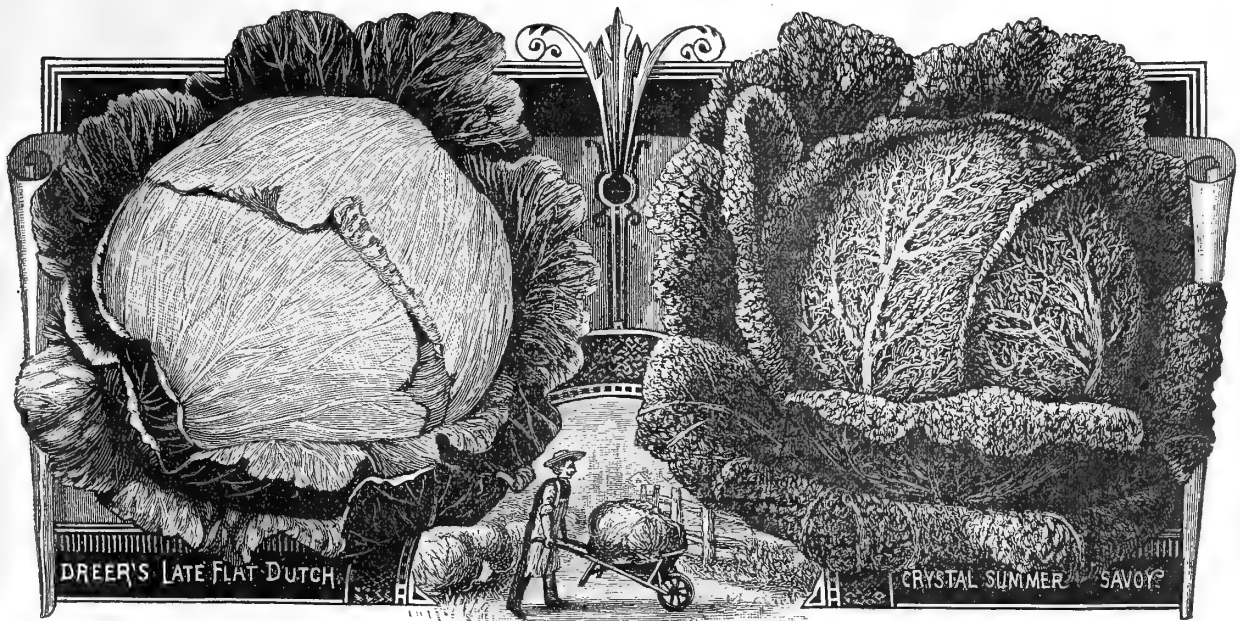
**Marblehead Mammoth.** A large, solid, tender, free-heading winter variety.

Pkt. 5 cts., oz. 25 cts., ¼ lb. 60 cts., lb. \$2.25.

**Stonemason.** A firm, large heading variety, possessing good keeping qualities. A desirable market sort.

Pkt. 5 cts., oz. 30 cts., ¼ lb. 75 cts., lb. \$2.50.





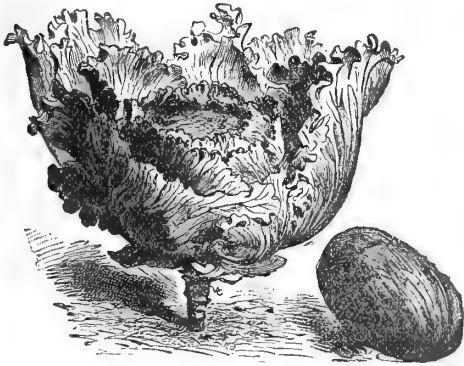
## SAVOY CABBAGE.

Where quality rather than size is desired, the Savoy varieties should always be sown. They have a rich and delicate flavor possessed by no other cabbages.

**Dreer's Crystal Summer Savoy.** A fine new sort. Medium size, heads nearly round, deeply curled and very tender. Pkt. 10 cts., oz. 40 cts.,  $\frac{1}{4}$  lb. \$1.25, lb. \$4.00.

**Perfection Drumhead Savoy.** Of superior quality; the largest solid-heading Savoy, possessing the rich flavor of the Cauliflower.

Pkt. 5 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts., lb. \$2.50.



MAMMOTH ROCK RED.

## RED CABBAGE.

**Early Red Dutch Erfurt.** Earlier than the Red Drumhead, but equally as valuable for pickling; when early pickles are desired this sort should be sown.

Pkt. 10 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. 75 cts., lb. \$2.50.

**Red Dutch Drumhead.** A large heading variety, fine for pickling. The variety most sown, as it makes large solid heads. Pkt. 5 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 60 cts., lb. \$2.00.

**Mammoth Rock Red.** The largest and most solid of the Red varieties. A sure heading sort and tender.

Pkt. 10 cts., oz. 40 cts.,  $\frac{1}{4}$  lb. \$1.25, lb. \$4.50.

## CABBAGE PLANTS.

(See Vegetable Plants, page 43.)

## CARDOON.

The mid-ribs of the leaves, which are thick and crisp, are the eatable parts, and are generally used in soups or stews, after being blanched in the same manner as Celery. They are in perfection during the autumn and winter. Sow in April in drills one inch deep; when one year old transplant in trenches of well-manured ground, three feet apart and one foot in the rows; the roots remain from year to year.

**Large Spanish.** The best variety. Pkt. 10 cts., oz. 40 cts.

## CHICORY.

**Common, or Wild.** This variety produces the "Barbe de Capucin," a salad much used in France. Sown in June, the roots are transplanted in autumn into sand in a cellar; the shoots, which will come up soon, form the "Barbe de Capucin."

Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. \$1.00.

**Large Rooted.** Used to mix with or as a substitute for coffee. Cultivation same as the Carrot.

Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. \$1.00.

## CHERVIL.

While young and tender, used as a salad, and for seasoning soups, etc. Of a pleasant aromatic taste. Sow in May, in drills 1 foot apart and half an inch deep, thinning out to stand 1 foot apart in the rows.

**Curled Chervil.** Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 60 cts.



CURLED OR DOUBLE CHERVIL.



DREER'S SELECTED DWARF ERFURT CAULIFLOWER.

## CAULIFLOWER.

*Blumen-Kohl, GER. Chou-Fleur, FR. Coliflor, SP.*

One ounce for one thousand plants.

Sow for early use about the middle of September or October, in a bed of clean rich earth. Transplant in frames and cover with sashes and shutters during severe weather, giving them light and air every mild day. When this is not practicable, they may be had nearly as well, by sowing the seed in a hot-bed in January or February, and when the plants are large enough transplant 3 inches apart in boxes or in other hot-bed, until time to plant out. If hardened off, they are seldom injured by planting out, as early as the ground can be properly prepared, 2½ feet apart each way. Keep them well hoed, and bring the earth gradually up to their stems, watering freely in dry weather, and especially when they begin to head. The Cauliflower succeeds best when planted in frames at the close of winter, and brought to maturity before the summer heat sets in. The late varieties mature in the autumn, and are sown and managed similar to winter Cabbage.

**Dreer's Earliest Snow-Storm.** The earliest and best of all for forcing. It is dwarf, with short outer leaves, and can be planted 2 feet apart each way; always sure to make large fine heads earlier than any other, and is the market gardener's favorite. This variety must be kept growing constantly, as it will not stand a check at any period of its growth. Pkt. 25 cts., oz. \$6.00.

**Dreer's Selected Dwarf Erfurt.** One of the earliest in cultivation, small-leaved dwarf, for forcing or open ground, producing very solid pure-white heads of the finest quality; it grows about 15 inches high, and in ordinary seasons every plant will produce a marketable head. Pkt. 25 cts., oz. \$4.00.

**Early Snowball.** An extremely early dwarf variety, producing magnificent white heads of fine quality. Well adapted to hot-bed culture. Pkt. 25 cts., oz. \$4.00.

**Early Dwarf Erfurt.** An early market variety, very productive, with large, white, compact heads of good quality. Pkt. 20 cts., oz. \$1.50.

**Half Early Paris.** A popular, white, sure-heading variety, good for early or late use. Pkt. 15 cts., oz. 75 cts.

**Algiers.** An extra fine late variety, suitable for market and sure to head. Pkt. 15 cts., oz. \$1.00.

**Lenormand's Short Stem.** A large, late, short-stemmed variety, with well-formed white heads, of extra quality. Pkt. 15 cts., oz. 75 cts.

**Veitch's Autumn Giant.** One of the finest late varieties, of robust habit, heads large, compact, and thoroughly protected by the leaves. Pkt. 10 cts., oz. 60 cts.

### CAULIFLOWER PLANTS.

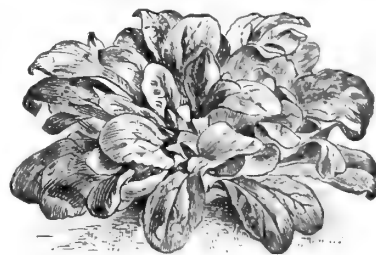
*Ready from March to May.*

(See Vegetable Plants, page 13.)

### COLLARDS.

Used as a substitute for Cabbage in portions of the South where it is almost impossible to succeed in raising cabbage-heads. Sow from June to August for a succession, and cultivate the same as Cabbage.

**True Georgia, or Creole.** Pkt. 5 cts., oz. 10 cts., ¼ lb. 30 cts., lb. \$1.00.



### CORN SALAD, OR FETTICUS.

*Ackersalat, oder Lämmersalat, GER. Mache, FR. Canonigos ó Ventrucost, SP.*

One ounce will sow twenty square feet. Six pounds will sow an acre.

Used as a salad throughout the winter and spring, and extensively grown for market. Sow in spring, in drills 1 foot apart; it will mature in 6 to 8 weeks. For winter and early spring use, sow in drills in August and September. Cover with straw on the approach of winter, the same as Spinach.

**Large Seeded.** Pkt. 5 cts., oz. 10 cts., ¼ lb. 25 cts., lb. 80 cts.

# CARROT.

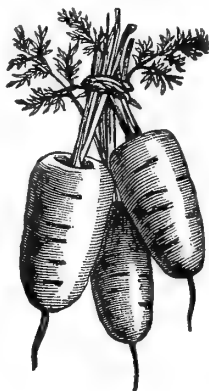
*Möhren*, GER. *Carotte*, FR. *Zanahoria*, SP.

One ounce will sow one hundred feet of drill; three to four pounds for one acre.

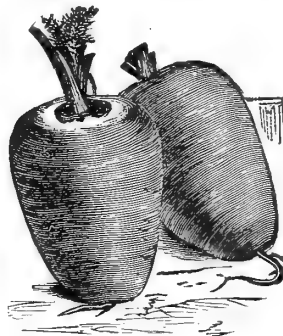
For an early crop sow as soon as the ground is in working order; for a late crop sow in June and July. The large late varieties are suitable for a main crop. Sow in May and June, in drills about 1 foot apart; thin out to stand 4 inches in the rows. The most suitable ground for Carrots is a rich, deep, sandy loam, deeply cultivated, which has been well manured for previous crop.



EARLY SHORT HORN SCARLET.



EARLY SCARLET HORN.



GUERANDE, OR OXHEART.



HALF-LONG CARENTAN.

**Early Short Horn Scarlet.** The earliest forcing variety, small root and excellent flavor.

Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 40 cts., lb. \$1.25.

**Early Scarlet Horn.** The favorite early red summer variety; fine grained and good flavor.

Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 35 cts., lb. \$1.00.

**Guerande, or Oxheart.** Of fine quality; intermediate between the Danvers Half-Long and Short Horn varieties.

Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 35 cts., lb. \$1.00.

**Early Half-Long Carentan.** An excellent scarlet variety, without core, for forcing or the open ground.

Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 35 cts., lb. \$1.00.

**Danvers Half-Long Scarlet.** A rich orange-red variety, very smooth and handsome, producing very large crops. An excellent market variety.

Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. 90 cts.

**Improved Long Orange.** The best late variety, for general field culture. It is an excellent keeper and retains its bright orange color during the winter.

Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 80 cts.

**Early Half-Long Scarlet.** A very desirable pointed-rooted variety coming in between the Scarlet Horn and the Long Orange.

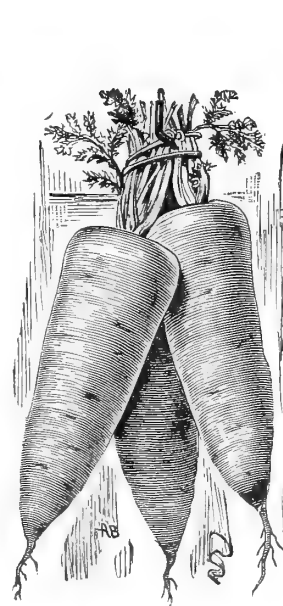
Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. 90 cts.

**St. Valery.** A desirable sort for private gardens; of rich and attractive color, good size and of fine flavor.

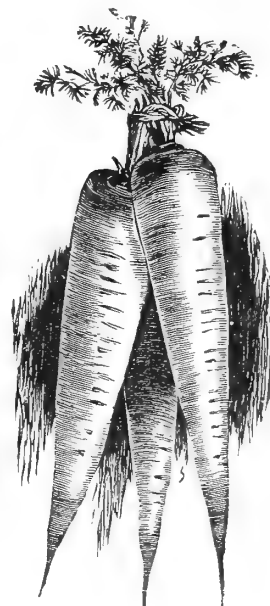
Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 40 cts., lb. \$1.25.

**Large White Belgian.** Grows one-third above ground, large white roots, with green top, grown almost exclusively or feeding stock.

Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 75 cts.



DANVERS HALF-LONG.



IMPROVED LONG ORANGE.



EARLY HALF LONG SCARLET.

## CELERIAC.

### Turnip-Rooted Celery.

*Knoll Sellerie*, GER. *Celeri-kave*, FR. *Apio-nabo*, SP.

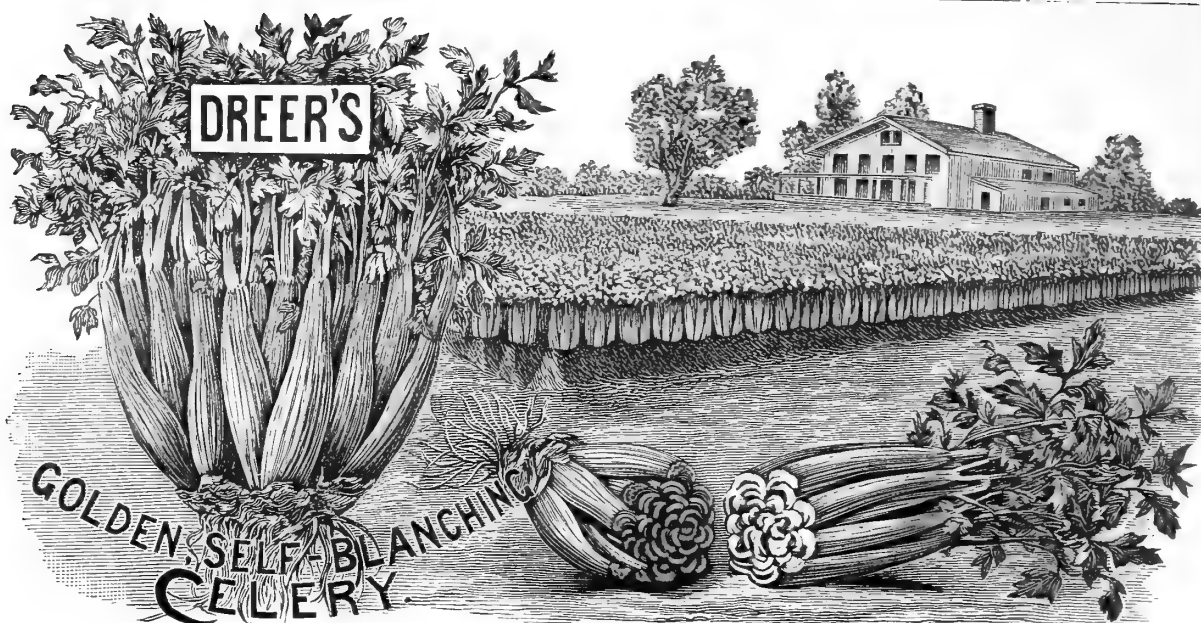
Sow the seed in same way that Celery seed is sown. Transplant in rows 2 feet apart and 9 inches in the row. Thorough cultivation is necessary to secure good roots.

**Apple-Shaped.** An early, smooth variety; the roots are shaped like an apple and of good flavor.

Pkt. 10 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.00.

**Giant Smooth Prague.** A very large and smooth variety, free from side roots. A desirable sort for market and an excellent keeper.

Pkt. 10 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.00.



# CELERY.

*Sellerie, GER. Celeri, FR. Apio, SP.*

One ounce will produce about twenty-five hundred plants.

Sow the last of March or early in April, in an open border, in rich mellow ground, in shallow drills, watering freely in dry weather. By rolling or pressing in the seed the result will be more satisfactory than when covered. Cut the tops off once or twice before planting out, to make them stocky. When the plants are 5 or 6 inches high, transplant, the dwarf varieties 3 feet, and the taller sorts 4 feet between the rows, plants 6 inches apart in the rows. Cultivate well, and when large enough blanch by earthing up. The first operation is that of "handling;" after the soil has been drawn up with the hoe, it is drawn closer around each plant by the hand, to keep the leaves firm in an upright position and prevent spreading. When the plants have become "set" in an upright position, and the celery is wanted for early use, they should be "banked." This is done by throwing the soil up as close to the plants as possible with a plough and finishing it with a spade, bringing the earth up nearly to the tops of the plants. If it is intended to store away for winter use, the "handling" process is all that is necessary, as the blanching will be done in the trenches. To store for winter use, select well-drained ground, dig trenches 1 foot wide and deep enough to cover the tops of the plants. Pack the stalks in this in an upright position, covering with boards to shed the water, and in severe weather protect with straw or leaves.

**Golden Self-Blanching.** An early, beautiful and in every way desirable sort, requiring but little labor to blanch. The heart is a rich golden yellow, with light yellowish green outer leaves.

Pkt. 10 cts., oz. 50 cts.,  $\frac{1}{4}$  lb. \$1.50, lb. \$5.00.

**Improved Golden Dwarf.** The best of the half dwarf varieties, stalks large and full, the heart is golden yellow, turning to a light color when blanched. Very solid, rich flavor and good keeper.

Pkt. 10 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.00.

**Giant Pascal.** A superior keeping sort. The stalks are very large, thick, solid, crisp, and of a rich nutty flavor, free from any trace of bitterness; it blanches very easily and quickly, and retains its freshness a long time after being marketed. The heart is golden yellow, very full and attractive in appearance.

Pkt. 10 cts., oz. 50 cts.,  $\frac{1}{4}$  lb. \$1.50, lb. \$5.00.

**White Plume.** The stalk and portions of the inner leaves and heart are white, so that by tying them up with matting, or simply drawing up the soil against the plant, the work of blanching is completed; while with all the other kinds of Celery, in addition to this, the slow process of high "banking" is a necessity. It is a very ornamental variety, while its qualities are equal to the best older sorts.

Pkt. 10 cts., oz. 40 cts.,  $\frac{1}{4}$  lb. \$1.25, lb. \$4.00.

**Sandringham White.** A superior English variety, remarkable for its fine flavor and solidity.

Pkt. 5 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts., lb. \$2.50.

**Perfection Heartwell.** This is one of the very best varieties in cultivation, stalks long and thick, very compact, crisp and of fine flavor.

Pkt. 10 cts., oz. 50 cts.,  $\frac{1}{4}$  lb. \$1.50, lb. \$5.00.

**Boston Market.** A short, bushy, white, solid, excellent flavored market variety, constantly increasing in demand.

Pkt. 10 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts., lb. \$2.50.

**Henderson's Dwarf White.** This variety is perfectly solid, the stalks half round, the leaves and stems being rather light green. When blanched it is a yellowish white, crisp, tender, and of a fine nutty flavor.

Pkt. 10 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts., lb. \$2.50.

**New Rose.** In this variety we have a combination of the best qualities of Celery. The red sorts far surpass the white in flavor, and possess in their coloring a feature which renders them valuable as a table ornament.

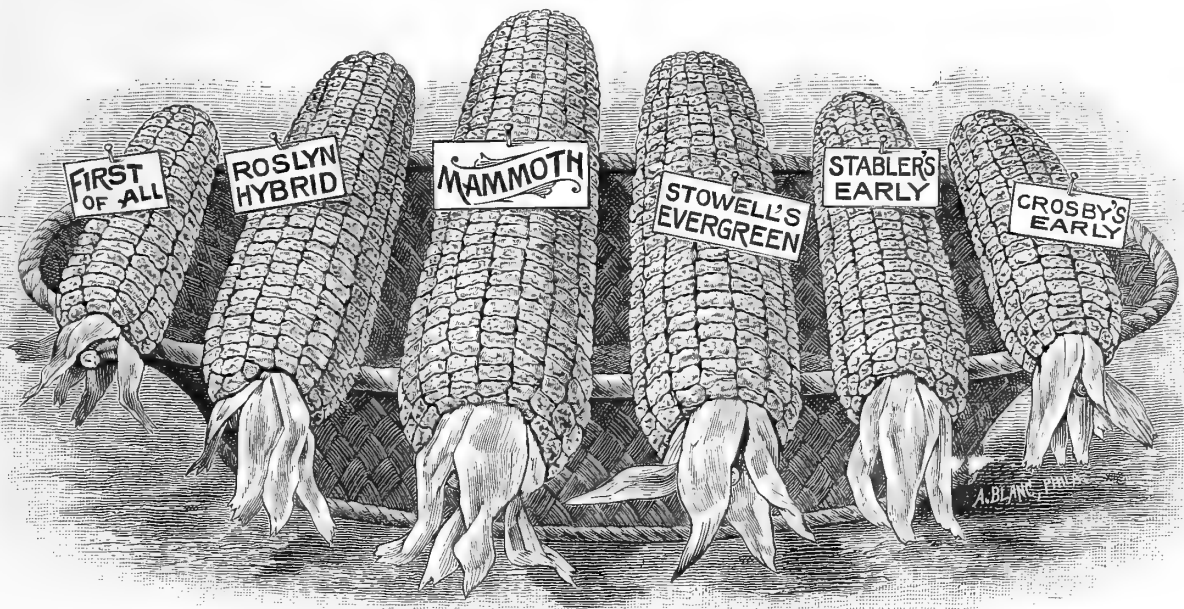
Pkt. 10 cts., oz. 40 cts.,  $\frac{1}{4}$  lb. \$1.25, lb. \$4.00.

**Dreer's Large White Solid.** The best of the large growing sorts, attaining a height under good cultivation of 3 feet. It should never be planted closer than 4 feet between the rows. This variety is most suitable for southern sections of the country, as it grows freely in a hot or dry atmosphere.

Pkt. 5 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts., lb. \$2.50.

**Soup, or Flavoring Celery** (old seed). Used for flavoring pickles, sauces, etc. Oz. 5 cts., lb. 30 cts.





# Corn, Sweet or Sugar.

*Welschkorn, GER. Mais, FR. Maiz, SP.*

One quart will plant two hundred hills; eight to ten quarts for an acre in hills.

The Sweet or Sugar varieties being liable to rot in cold or wet ground, should not be planted before May, or until the ground has become warm; for a succession continue planting every two weeks, until the middle of July, in rich, well-manured ground, in hills 3 feet apart each way, covering about half an inch, and thin out to 3 plants to a hill. The extra early varieties can be planted 18 inches in the row and  $2\frac{1}{2}$  feet between the rows.

The field varieties should be planted 4 feet apart each way, leaving 3 plants to a hill.

**Dreer's First of All.** The very earliest Sweet Corn, ripening a week earlier than Cory and of superior quality. Ears medium-sized, very full, sweet and of delicious flavor. Pkt. 10 cts., qt. 30 cts., peck \$1.25, bu. \$4.00.

**Adams' Extra Early.** The hardiest and earliest variety for table use; it can be planted earlier than any other, but is not a Sweet Corn; white, indented grains and short ear. Pkt. 10 cts., qt. 20 cts., peck \$1.00, bu. \$3.50.

**Cory.** An extra early sort, very sweet and of rich flavor; desirable for private or market gardens.

Ear 15 cts., pkt. 10 cts., qt. 30 cts., peck \$1.25, bu. \$4.00.

**Early Minnesota.** One of the earliest, habit dwarf, ears small and productive.

Ear 5 cts., pkt. 10 cts., qt. 20 cts., peck \$1.25, bu. \$4.00.

**Crosby's Early.** A favorite variety, very early, productive, ears rather short, and of a rich, sugary flavor.

Ear 5 cts., pkt. 10 cts., qt. 20 cts., peck \$1.25, bu. \$4.00.

**Stabler's Early.** Of larger size than usual for the early kinds. It is remarkable for fine flavor, sweetness and earliness, and is a desirable gardener's and canning variety.

Ear 5 cts., pkt. 10 cts., qt. 25 cts., peck \$1.25, bu. \$4.00.

**Egyptian.** A fine large variety, somewhat resembling the Evergreen; flavor peculiarly rich and sweet.

Ear 10 cts., pkt. 10 cts., qt. 20 cts., peck \$1.25, bu. \$4.00.

**Triumph.** Ear large, productive, flavor rich and sweet; a fine market variety.

Ear 10 cts., pkt. 10 cts., qt. 20 cts., peck \$1.25, bu. \$4.00.

**Stabler's Nonpareil.** The best second early Corn. It yields large ears, bearing tender grains of the most delicious flavor. A superior sort for the canning trade.

Pkt. 10 cts., qt. 30 cts., peck \$1.25, bu. \$4.00.

**Roslyn Hybrid.** A medium late variety, which will yield a heavy crop, producing a large ear, very sweet and delicious.

Ear 10 cts., pkt. 10 cts., qt. 25 cts., peck \$1.25, bu. \$4.00.

**Stowell's Evergreen.** The latest and one of the sweetest, ears large, deep grained, of excellent quality, remaining green longer than any other variety.

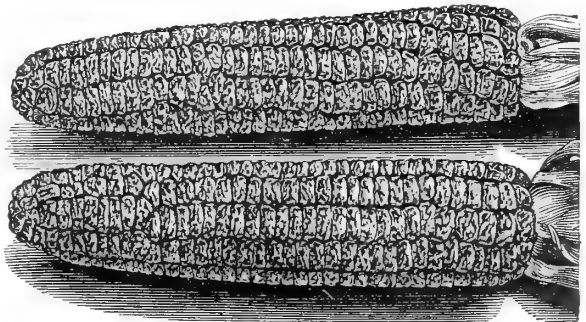
Ear 10 cts., pkt. 10 cts., qt. 20 cts., peck \$1.25, bu. \$4.00.

**Mammoth Sugar.** The largest late sort, very productive, of fine flavor.

Ear 10 cts., pkt. 10 cts., qt. 20 cts., peck \$1.25, bu. \$4.00.

**Black Mexican.** A black grained variety, sweet and tender; must be picked young to avoid a black appearance when cooked.

Ear 5 cts., pkt. 10 cts., qt. 20 cts., peck \$1.25, bu. \$4.00.

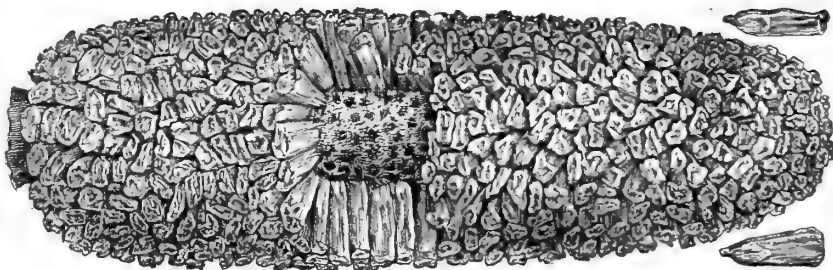


STABLER'S NONPAREIL.



## SWEET CORN.—*Continued.*

**Ne Plus Ultra (Little Gem, or Shoe Peg).** An old but excellent variety that is grown around Philadelphia by those who know a good thing. It is very sweet and luscious, and especially adapted to family use. It bears 3 to 4 ears (averaging 5 inches in length) on a stalk, and for drying or canning purposes it is incomparably the best, its small size being in large measure atoned for by its productiveness and its exquisite flavor. Ear 5 cts., pkt. 10 cts., qt. 30 cts., peck \$1.50, bu. \$5.00.



NE PLUS ULTRA, OR LITTLE GEM SUGAR CORN.

### SWEET FODDER CORN.

For soiling and green fodder. Sow 3 bushels to the acre, broadcast, or  $1\frac{1}{2}$  bushels in drills. Per bushel, \$1.50.

### FIELD CORN.

(For list of varieties see *Farm Seeds*, page 38.)

### POP CORN.

Cultural directions same as for Sugar Corn. We offer Pop Corn on ear only.

**Golden Queen.** Lb. 10 cts., 10 lbs. 80 cts.

**White Rice.** Lb. 10 cts., 10 lbs. 80 cts.

**Pearl.** Lb. 10 cts., 10 lbs. 75 cts.

By mail. Add 8 cts. per lb. for postage.

## CUCUMBER.

*Gurken, GER. Concombre, FR. Pepino, SP.*

One ounce will plant fifty hills; two pounds will plant one acre.

For very early Cucumbers, sow the 1st of April in a hot-bed, upon pieces of sod (grass-side down), so that they can be readily transplanted to the open ground, in rich soil, when danger of frost is over, or protect by hand-glasses. For early use, plant if the weather has become settled and warm in hills about 4 feet apart each way; thin out to four of the strongest plants to each hill, after all danger from insects is over; they succeed best in a warm, moist, rich, loamy soil; continue planting at intervals for a succession. The Cucumbers should be gathered when large enough for use, whether required or not; if left to ripen, it destroys their productiveness. For pickles, plant from June until the middle of July.

**Early Cluster.** A very early sort, well adapted for forcing or open ground.

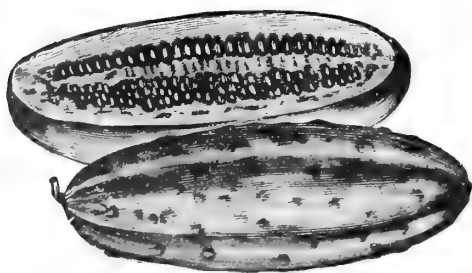
Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 80 cts.

**Early Frame, or Short Green.** Excellent for table use or pickling.

Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 80 cts.

**Early Russian.** One of the earliest; the fruit is small and produced in pairs.

Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. \$1.00.



IMPROVED EARLY WHITE SPINE.

**Improved Early White Spine.** The favorite market variety, largely used for forcing, and extensively grown South for shipping North early in the season.

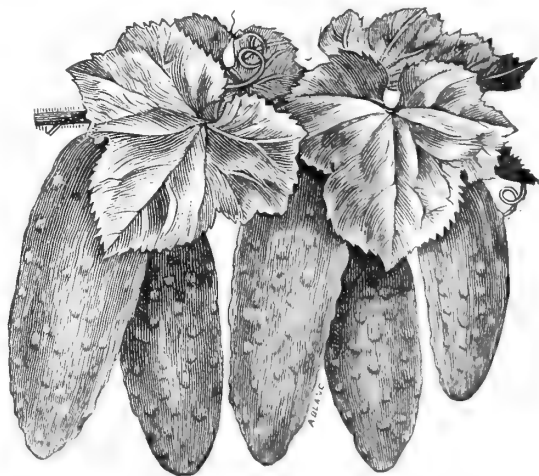
Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 80 cts.

**Nichol's Medium Green.** For early forcing, late sowing for pickling, or for ordinary table use this variety will be found useful.

Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 40 cts., lb. \$1.00.

**Green Prolific.** One of the best pickling varieties, dark green, tender, crisp, very productive, uniform size, and good for table use.

Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 80 cts.



CHICAGO PICKLE.

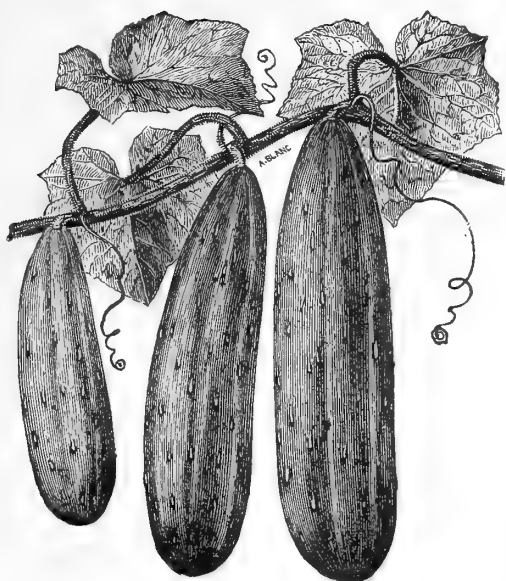
**Chicago Pickle.** A variety largely used by pickle manufacturers, of medium size, a prolific bearer, and combines all the good qualities of an early cucumber.

Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.50.



NICHOL'S MEDIUM GREEN.

Add for postage on Corn 6 cts. per pint, 12 cts. per quart. Quarter bushels and over are sent by express or freight at purchaser's expense.



LONG GREEN.

**CUCUMBER—Continued.**

**Long Green.** The leading long variety for pickling, fruit dark green, firm and crisp.

Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 40 cts., lb. \$1.00.

**Tailby's Hybrid.** A hybrid between White Spine and English Prize, retaining the beauty of the long English and hardness of the White Spine; of large size and excellent for market gardeners or family use.

Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 40 cts., lb. \$1.00.

**Giant Pera.** A long, smooth, straight, dark green cucumber, attaining a length of 18 inches. Flesh white, crisp, tender, and free from all bitterness. It requires a rich soil and to be grown quickly in order to bring it to perfection. Pkt. 10 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 60 cts., lb. \$2.00.

**Chinese Long-Remaining Green.** An excellent sort, combining the size, tenderness and quality of the English Frame varieties. It attains a length of 15 to 20 inches; is of good quality, solid, and has few seeds; medium early. Pkt. 10 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 60 cts., lb. \$2.00.

**Small Gherkin, or Burr.** Also known as the West India or Jerusalem Pickle; used only for pickling.

Pkt. 10 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 60 cts., lb. \$2.00.



THICK-LEAVED DANDELION.

**DANDELION.**

*Löwenzahn oder Pardeblume, GER. Pissenlit, FR. Amargon, SP.*

The dandelion is a hardy perennial plant, resembling Endive, and affords one of the earliest and most healthful spring greens or salads. Sow early in spring in drills 12 inches apart, and thin out to 6 inches in the drills; the following spring it will be fit for use.

**Broad-Leaved.** Pkt. 10 cts., oz. 40 cts.

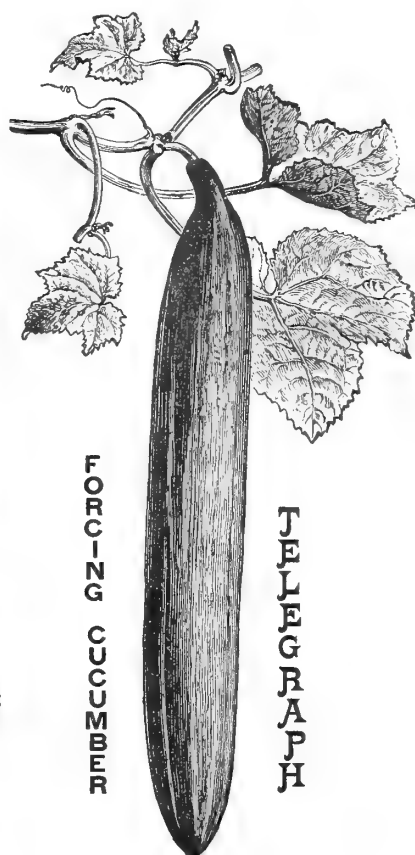
**Thick-Leaved, or Cabbaging.** An improved thick-leaved variety. Pkt. 10 cts., oz. 50 cts.



GIANT PERA.



GHERKINS.

**ENGLISH FORCING CUCUMBERS.**

The best for forcing, attaining a length of 20 to 30 inches; they can be grown in hot-beds where the temperature does not fall below 65 degrees at night. Sow the seed in small pots about the middle of January; when they have grown to three leaves, plant in a prepared hill of rich, loose soil in the centre of a sash. The varieties listed are distinct and all desirable.

**Blue Gown, Carter's Model, Duke of Edinburgh, Lord Kenyon's Favorite,**

**Marquis of Lorne, Pearson's Long Gun, Sion House, Improv'd, Telegraph.**

Packets of the above containing ten seeds each. Pkt. 25 cts.

**CRESS.**

*Garten und Brunnen Kresse, GER. Cresson, FR.*

*Mastuerzo ó Lepidio, SP.*

Sow thickly in shallow drills, early in the spring and at intervals throughout the season, for a succession, as it soon runs to seed. Water Cress requires a stream of running water, ditch or pond, in which it will grow without care, except at first keeping weeds from interfering with it. It is easily introduced by planting along the margins of ditches or streams, and increases rapidly by the spreading of the roots or from the seed. The leaves are eaten with salt, and are of an agreeable, pungent taste.

**Extra Curled, or Peppergrass.** Fine flavor, and the best sort for dry soils.

Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 60 cts.

**Upland Cress.** A perennial plant, grown in the same manner as Spinach; resembles water-cress in flavor.

Pkt. 10 cts., oz. \$1.00.

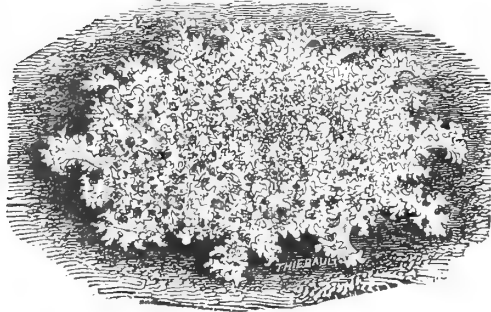
**Erfurt Water Cress.** A most desirable and appetizing salad, thriving best in shallow water, on the edges of streams. Pkt. 10 cts., oz. 50 cts.,  $\frac{1}{4}$  lb. \$1.50, lb. \$5.00.

# ENDIVE.

*Endivien*, GER. *Chicoree*, FR. *Endivia ó Escarola*, SP.

One ounce of seed to 750 feet of row.

Endive is one of the best and most wholesome salads for fall and winter use. Sow in shallow drills in April for early use, or for late use in June or July. When 2 or 3 inches high transplant into good ground, or thin out to 1 foot apart. When nearly full grown, and before they are fit for the table, they must be blanched. This is done by gathering the leaves together, and tying with yarn or bass, to exclude the light and air from the inner leaves, which must be done when quite dry, or they will rot. Another method is to cover the plants with boards or slates. In three or four weeks they will be sufficiently blanched.



WHITE CURLED ENDIVE.

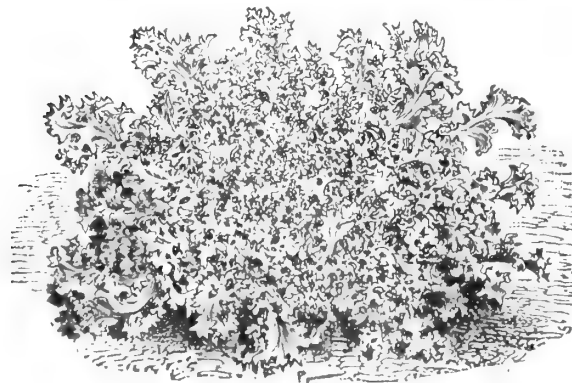
**Improved Green Curled.** Leaves finely fringed, of a bright green color, tender and crisp.

Pkt. 5 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 60 cts., lb. \$2.00.

**White Curled (Self-blanching).** This is the finest white curled variety, grows to a large size, always crisp and very tender. Pkt. 10 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 60 cts., lb. \$2.00.

**Broad-Leaved Batavian.** Leaves broad, light green, nearly plain, used in stews and soups.

Pkt. 5 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 60 cts., lb. \$2.00.



GIANT FRINGED ENDIVE.

**Giant Fringed (Oyster Endive).** A strong-growing variety with a large white heart and broad stems; the best sort for decorating.

Pkt. 10 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 60 cts., lb. \$2.00.



NEW YORK IMPROVED EGG-PLANT.

## EGG-PLANT.

*Eierpflanze*, GER. *Aubergine*, FR. *Beregena*, SP.

One ounce will produce about one thousand plants.

Sow the seed in hot-beds early in March. When 3 inches high pot the young plants, using small pots, and plunge them in the same bed, so that the plants may become stocky. They can be planted out, from the pots, when the season becomes sufficiently warm, in May or June; or they can be transplanted into a second bed to make them strong, until the weather is warm enough to transplant, about 3 feet apart each way, in thoroughly worked and well-enriched soil. Draw the earth up to their stems when about a foot high. Egg-plant seed will not vegetate freely without a strong uniform heat, and if the plants get the least chilled in the earlier stages of growth they seldom recover. Therefore repeated sowings are sometimes necessary. Care should be observed in cutting the fruit so as not to disturb the roots of the plants.

**Early Long Purple.** The earliest and hardiest, very productive; fruit from 6 to 10 inches long.

Pkt. 10 cts., oz. 40 cts.,  $\frac{1}{4}$  lb. \$1.25.

**New York Improved Large Purple.** The leading market variety; large, round, dark purple, free of thorns, excellent and the most productive variety.

Pkt. 10 cts., oz. 50 cts.,  $\frac{1}{4}$  lb. \$1.50.

**Black Pekin.** Fruit purplish black, round to globular, large, solid, smooth and glossy, very prolific, early, and of fine flavor. Pkt. 10 cts., oz. 50 cts.,  $\frac{1}{4}$  lb. \$1.50.

## EGG-PLANTS.

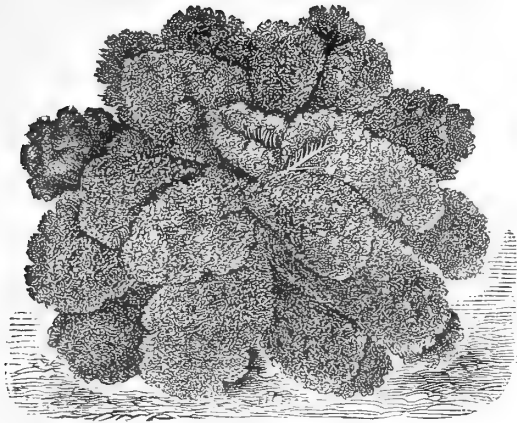
(See *Vegetable Plants*, page 37.)

## GARLIC.

Used in cooking for flavoring purposes, it is more pungent than the onion. It is propagated by detaching the cloves or sets and planting them in rows 1 foot apart and 6 inches asunder. As soon as the leaves turn the crop is matured, and may be harvested like the onion. Per lb. 30 cts.

## ICE PLANT.

Succulent, fleshy stems covered with crystalline icy globules, brilliant in the sunshine. It is much grown in English gardens for garnishing purposes, and is also used as a vegetable, boiled like Spinach. Pkt. 5 cts., oz. 50 cts.



DWARF CURLED SCOTCH KALE.

## KALE (Borecole).

*Grüner oder Blätter Kohl*, GER. *Chou Vert*, FR. *Breton*, SP.

One ounce of seed will sow a drill of about 200 feet.

The Kales are more hardy than Cabbage, and make excellent greens for winter and spring use, and are improved by frost. Sow from May to June, and cultivate the same as Cabbage. For early spring use sow in September, and protect during winter.

Sea Kale is much esteemed in England, in some parts of which it grows spontaneously. Sow the seed early in the spring, in well-manured and deeply-dug ground, 1 inch deep, and the rows 2 feet apart; thin out to stand 6 inches in the rows; before winter cover with litter or leaves, and the next spring transplant in hills 3 feet apart each way. A supply may be had all winter by planting the rows closely together in a warm cellar before frost.

**Dreer's Imperial.** A beautiful curled and crimped sort, of strong, vigorous habit, perfectly hardy, attractive appearance and a bright green color. It is superior to all other sorts, and is undoubtedly the best for private gardens. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. \$1.00.

**Dwarf Curled German.** Leaves yellowish-green, finely curled; sow in September for winter and early spring use. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. \$1.00.

**Dwarf Curled Scotch.** Leaves bright green, curled, very tender and fine flavored; an excellent sort for private gardens. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. \$1.00.

**Norfolk Curled.** A very hardy variety, spreading under good cultivation to 3 feet in diameter; leaves bright green and curly. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. \$1.00.

**Tall Red, or Purple Scotch.** Foliage of a deep purplish red color, finely fringed and deeply curled; a very pretty decorative plant. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. \$1.00.

**Sea Kale.** A delicious vegetable, grown for its blanched shoots, which are cooked like Asparagus.

Sow in the spring, and plant out like Cabbage. During the summer the plant will make a slender growth. The plant being perennial, young shoots appear the second spring, and these are covered with earth to blanch, or with a flower-pot; and if it is desired to force them, cover the pot and earth around with fresh manure.

Pkt. 10 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.50.



SEA KALE.

## KOHL-RABI.

(Turnip-Rooted Cabbage.)

*Kohl-Rabi*, GER. *Chou-Rave*, FR. *Col de nabo ó Nabicol*, SP.

One ounce of seed for 200 feet of drill.

An intermediate vegetable between the Cabbage and Turnip. The stem above the ground swells into a bulb somewhat resembling a Turnip; this again is crowned with leaves. The edible part is the bulb, which is dressed and served like Turnips, and is very delicate and tender when young. It is very hardy, withstands severe drought, and is a good keeper. Cultivate the same as for Cabbage, but in hoeing be careful not to throw earth into the heart of the plant, or the bulb cannot form.

**Earliest Erfurt.** A white, tender variety, with a smooth root and very short top; the best variety for out-door culture. Pkt. 10 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.00.

**Early White Vienna.** Flesh white and tender, a standard sort for market, table use or forcing; very short top.

Pkt. 5 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 60 cts., lb. \$2.00.

**Early Purple Vienna.** Bluish purple, similar to the above, except in color.

Pkt. 5 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 60 cts., lb. \$2.00.



## LEEK.

*Lauch*, GER. *Poireau*, FR. *Puerro*, SP.

One ounce will sow about 100 feet of drill.

The Leek is very hardy, of easy culture, and succeeds best in a light rich soil. The whole plant is edible, and is used in soups, boiled with meat, etc. Considered by many as of more delicate flavor than the Onion. Sow early in April, in drills 1 foot apart, and 1 inch deep. When the plants are 6 to 8 inches high, transplant in a deep rich soil in rows 12 inches apart and 6 inches in the rows, as deep as possible, so that the neck may be covered and blanched; draw the earth to them as they grow. The seed may also be sown in August or September, and the young plants transplanted in the spring.

**Large American Flag.** Large, hardy, and of excellent quality. Pkt. 10 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts., lb. \$2.50.

**Giant Carentan.** The favorite market variety, large thick stem, of mild flavor and attractive appearance.

Pkt. 10 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts., lb. \$2.50.

**Musselburgh.** Grows to a very large size, with broad leaves, spreading like a fan; hardy and of excellent quality. Pkt. 5 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 60 cts., lb. \$2.00.

**London Flag.** An old and popular sort; one of the hardest and best for winter use.

Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.75.

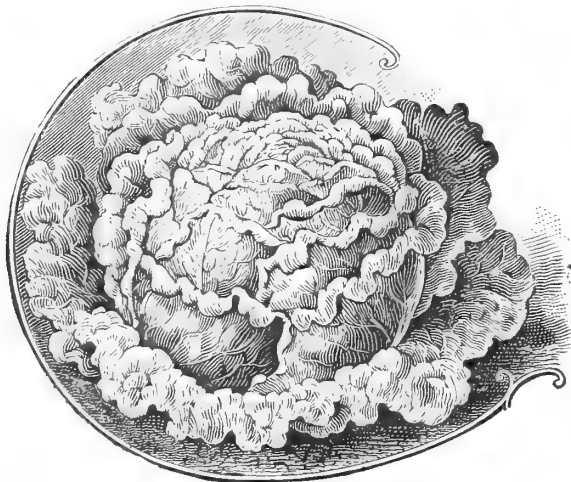


# LETTUCE.

*Lattich oder, Garten Salat, GER. Laitue, FR Lechuga, Sp.*

One ounce will sow 150 feet of drill.

Lettuce thrives best in rich, moist ground. For the principal early crop sow the seed in September in the open ground; transplant when large enough into cold frames, and protect the plants during the winter in the same manner as early Cabbage; set the plants out early in April; or sow the seed in hot-beds in February or March, and transplant into a sheltering border with a southern exposure. For successive crops, sowing may be made in the open ground as early as the spring opens, and continuing until July. Always thin out well, or the plants will not be strong. When wanted as a cut salad sow the seed thickly in rows or broadcast.



SILVER BALL.

**Silver Ball Lettuce.** This is one of the best all the year round Lettuce we know of. It is an excellent variety, as well for early spring and summer use as for winter forcing. The heads are silvery white, very firm and compact, with beautifully curled leaves. It is of fine quality, very tender and crisp, and does not soon run to seed.

Pkt. 10 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts., lb. \$2.00.

**Early Curled Simpson (Silesia).** This does not head, but forms a close, compact mass of leaves; very early, excellent for forcing.

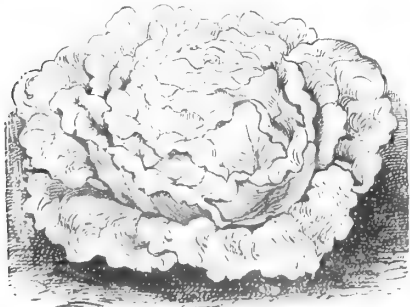
Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.50.

**Black Seeded Simpson.** Produces a compact mass of leaves of a light color, nearly double the size of the ordinary Simpson, standing well the summer heat.

Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.50.

**Black Seeded Tennisball.** A favorite forcing variety. Forms a close, hard head, with few outer leaves.

Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.50.



BOSTON MARKET.

**Boston Market.** White seed. Hardy and crisp; the earliest heading variety; one of the best for forcing.

Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.50.

**Early White Dutch Butter.** A favorite for sowing in the fall; nearly hardy, requires only a slight protection; produces fine, well formed heads.

Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.50.

**Early Dutch Butter, Spotted.** Producing fine large heads of excellent quality, and one of the best forcing and market sorts; also stands the heat well in summer.

Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 60 cts., lb. \$2.00.

**Defiance.** This we consider one of the very best Lettuces. It is of fine quality, crisp and tender, and remains in prime condition a long time before going to seed. As a summer variety it has already become a standard sort.

Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 60 cts., lb. \$2.00.

**Emperor Forcing.** A medium-sized, compact growing, very early variety; very crisp and tender and unequalled for forcing. Pkt. 10 cts., oz. 40 cts.,  $\frac{1}{4}$  lb. 75 cts.

**Hanson.** A superior curled heading variety, of large size, sweet, tender and crisp, of a beautiful green without and white within, free from any bitter taste, good for summer use or forcing purposes.

Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.50.



SALAMANDER.

**Salamander.** An excellent summer variety, forming good-sized heads, that stand drought and heat longer without injury than any other sort.

Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.50.

**Denver Market.** This new Lettuce is highly recommended either for forcing or open ground. It forms large solid heads of a good light green color, and is slow to go to seed. The leaves are beautifully curled and crimped, very crisp and tender.

Pkt. 10 cts., oz. 40 cts.,  $\frac{1}{4}$  lb. \$1.25, lb. \$4.00.

**Blonde Beauty.** A distinct and desirable summer lettuce. Of a bright golden yellow color, crisp, tender, and capable of standing the heat a long time before bursting open. Pkt. 10 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.00.

**Royal Cabbage, or Summer Drumhead.** Heads large, crisp, tender, of good flavor and stand the summer heat well.

Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.50.

**Yellow Seeded Butter.** A very distinct sort, making a compact yellow head, of excellent flavor, withstands heat well, and remains crisp and tender.

Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.50.

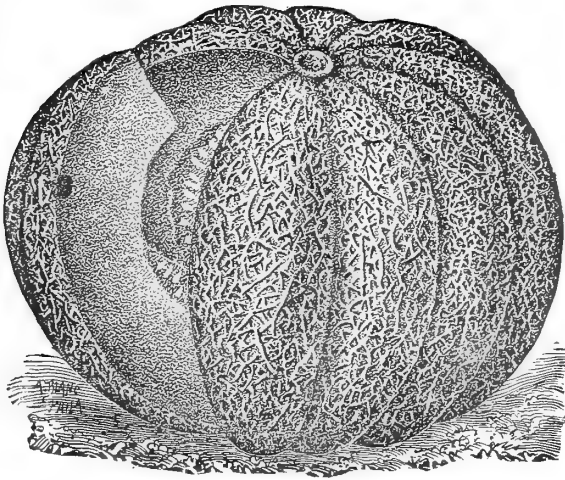
**Self-Folding Trianon.** The finest Cos sort, forming long upright heads of narrow leaves, which are crisp and refreshing, withstanding the summer heat.

Pkt. 10 cts., oz. 40 cts.,  $\frac{1}{4}$  lb. \$1.00, lb. \$4.00.

**Paris White, or Ice Cos.** Forming fine, tender and crisp, white heads.

Pkt. 10 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 60 cts., lb. \$2.00.

The Cos varieties should be tied up a week to blanch before cutting.



EXTRA EARLY HACKENSACK.

## MELON, MUSK.

*Melone*, GER. *Melon Muscade*, FR. *Melones Muscatel*, SP.

One ounce will plant about sixty hills; two to three pounds for one acre.

Melons thrive best in a light, rich soil. Plant early in May, when the ground has become warm and dry, in hills 6 feet apart each way for Musk Melons, 8 feet for Water Melons. Previous to sowing the seed, mix a few shovelfuls of well-rotted manure in each hill, and plant in each 12 to 15 seeds; after all danger of the bugs is over, thin out to 3 plants per hill. When about 1 foot long, pinch off the tips to make them branch, as it strengthens the growth of the vines, and makes the fruit mature earlier. A few hills, for early use, may be had by sowing on pieces of sod in a hot-bed, and when warm enough transplant to open ground.

**Jenny Lind.** The earliest variety; netted, of small, round size, excellent flavor.

Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. \$1.00.

**Golden Jenny.** A small, highly prized early variety.

Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. \$1.00.

**Green Citron.** Medium size, deeply netted, nearly round, of delicious flavor.

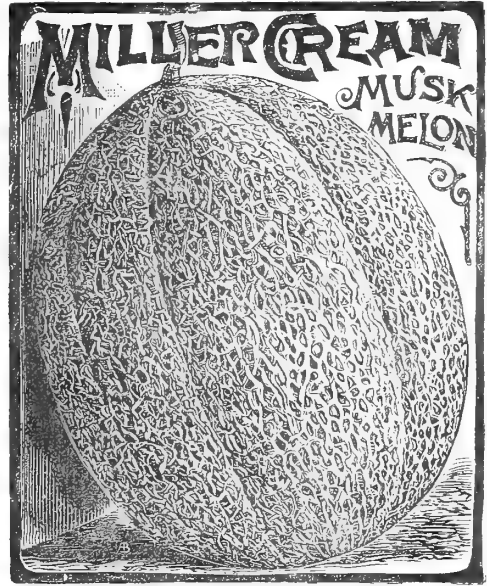
Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. \$1.00.

**Hackensack.** One of the best, of large size and attractive appearance; very productive and of excellent flavor.

Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. \$1.00.

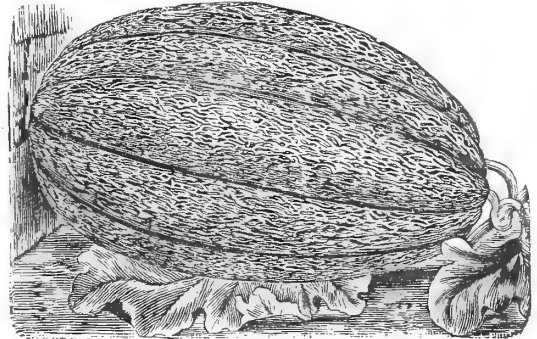
**Extra Early Hackensack.** A week to ten days earlier than the old Hackensack.

Pkt. 10 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 40 cts., lb. \$1.25.



**Miller Cream, or Osage.** A remarkably good variety, of large size and delicious flavor; flesh rich salmon, very thick and solid. Pkt. 10 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.50.

**Montreal Market.** Largest of the nutmeg varieties; uniform in shape; netted, flesh green; quality remarkably good. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. \$1.00.



BAY VIEW.

**Bay View (Casaba, or Persian).** Of extraordinary size, very delicious and fine flavor; oval, netted, green-fleshed. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. \$1.00.

**Surprise.** Of good size; one of the finest flavored; flesh deep salmon. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. \$1.00.

**Netted Pineapple, or Nutmeg.** Medium size, flesh green, firm, juicy, and very sweet.

Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. \$1.00.

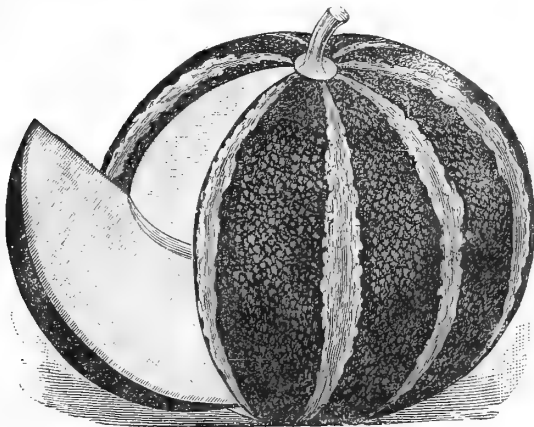
**Baltimore.** An oval green-fleshed Melon, of good size, flesh thick and of delicious flavor.

Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. \$1.00.

**Delmonico.** An oval melon of large size and deeply netted. The flesh is an orange pink color of the same fine quality as the Emerald Gem.

Pkt. 10 cts., oz. 40 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. \$1.25.

**Mango Melon, or Vegetable Orange.** Size, shape and color of an orange. Thick meaty flesh, somewhat like a preserving citron; excellent for sweet pickles, pies or preserving. Pkt. 10 cts., oz. 30 cts.



EMERALD GEM.

**Emerald Gem.** A small very early Melon, form globular; flesh salmon colored, thick and luscious.

Pkt. 10 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.50.

**Skillman's Netted.** Form roundish oval; flesh deep green, sweet and richly perfumed.

Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. \$1.00.

# WATER MELON.

One ounce for 30 hills; 4 to 5 lb. for an acre.

**Black Spanish.** Solid, very thin rind, flesh scarlet, sweet and luscious; a profitable variety for the market gardener.

Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 75 cts.

**Dark Iceing.** The flavor of this variety cannot be excelled. It is very solid, rind very thin, and highly prized as a shipper; seed white.

Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 75 cts.

**Florida Favorite.** Of medium size, striped alternately light and dark green, flesh deep red, crisp and deliciously sweet. Earlier than Kolb Gem by two weeks.

Pkt. 10 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 40 cts., lb. \$1.25.

**Iron Clad.** Of large size, and very solid. The rind, though quite thin, is remarkably strong, thus rendering it an excellent shipping sort. It is of a most delicious flavor, and is not surpassed for productiveness.

Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 75 cts.

**Cuban Queen.** One of the largest varieties, ripening to the very centre, heavy cropper, flesh bright red, tender and melting, luscious, crisp, and very sugary.

Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 75 cts.



SEMINOLE.

**Seminole.** A new extra early Water Melon, of large size and delicious flavor. Flesh a vivid crimson color; crisp and sugary. The melons are of two colors—gray and light green, the latter a darker coloring of the former. Melons of both colors are found on the same vine, and are exactly the same in shape, size, color of seed, flavor and quality. It is a very productive Melon, and should be largely grown by farmers and truckers.

Pkt. 10 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 40 cts., lb. \$1.25.

**Pride of Georgia.** Dark green; oval, and attains a large size; flesh deep red, crisp and sweet. A good shipper.

Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 75 cts.

**Scaly Bark.** A very large oblong variety, with a dark, tough rind, which has a peculiar scaly appearance, crimson flesh, very solid, remarkably sweet, and an excellent keeper.

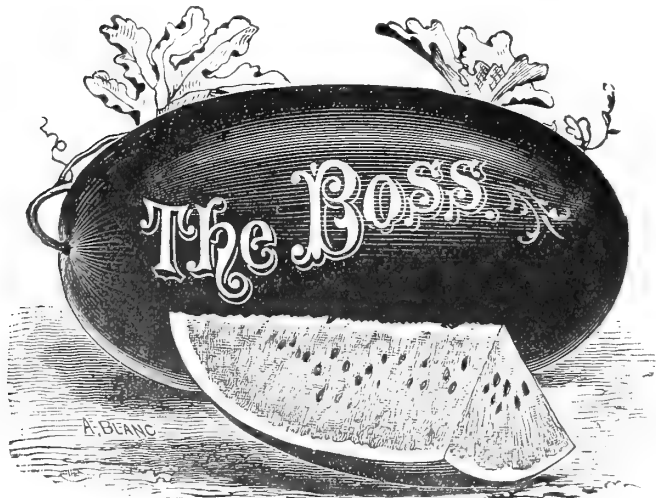
Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 75 cts.

**Striped Gipsy, or Rattlesnake.** An early variety, large, oblong, skin green, mottled and striped, rind thin, flesh crimson, sweet and fine flavored. One of the best shipping sorts.

Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 75 cts.

**Kolb Gem.** This Melon grows to a very large size and is an excellent shipper. Of a delicious sugary flavor, bright red flesh, firm and solid.

Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 75 cts.



**Boss.** Color dark green, flesh unusually deep scarlet, rind very hard, but thin; quality of the best.

Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. \$1.00.

**Mountain Sweet.** Early, large, oblong, dark green, thin rind, flesh red, solid, rich and sweet.

Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. 75 cts.

**Green and Gold.** A new variety with golden yellow flesh. The rind is thin, flesh granular in appearance, very juicy and sweet. It forms a pretty contrast to the red-fleshed sorts.

Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. \$1.00.

**Volga.** A Russian Melon, of excellent quality, perfectly globular in shape, very productive, attaining an average weight of 15 pounds. For private use it should be grown largely, as it is of fine flavor and attractive appearance. The seeds are very small and few in number.

Pkt. 10 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 40 cts.

**Hungarian Honey.** A small, round, deliciously sweet water melon, suitable for private gardens.

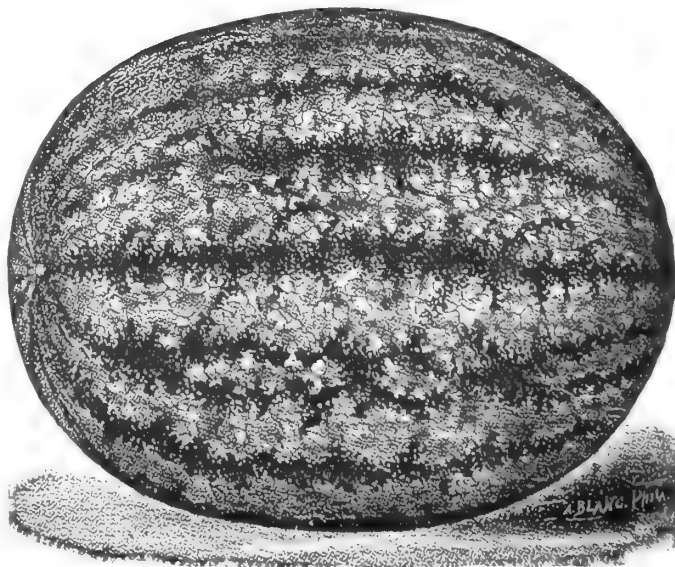
Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. \$1.00.

**Orange.** Flesh red, tender and sweet, separating from the rind like an orange.

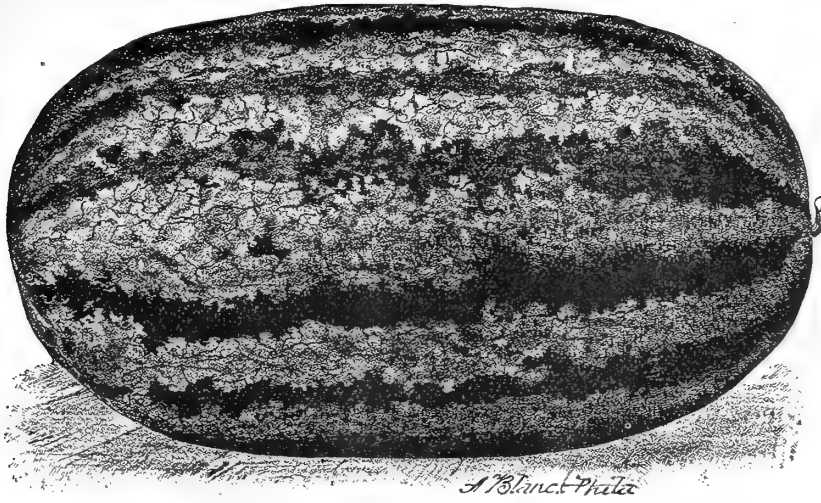
Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 40 cts., lb. \$1.25.

**Colorado Preserving Citron.** This variety combines all the best characteristics of a preserving Melon, and often attains a weight of 20 lbs.; flesh white and very firm.

Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 40 cts., lb. \$1.25.



KOLB GEM.



DIXIE WATER MELON.

**MUSTARD.***Senf, GER. Moutarde, FR. Mostaza, SP.*

A small pungent salad used with Cress; the seed is also used for flavoring pickles, pepper sauce, etc. For salads sow thickly, in shallow drills 6 inches apart, or in frames or boxes during the winter, where frost can be partially excluded; cut when about 2 inches high. For a crop of seed sow in April, in drills 1 foot apart, and thin out when 3 inches high.

**White, or Yellow.** For salads and flavoring purposes. Oz. 5 cts.,  $\frac{1}{4}$  lb. 15 cts., lb. 40 cts.

**Chinese.** Leaves twice the size of the white, more succulent, deeper green, flavor sweet and pungent, and preferable as a salad.

Oz. 10 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. \$1.00.

**MUSHROOMS.**

The cultivation of this valuable and most nutritious esculent is greatly on the increase. The best results have been obtained by the use of our Superior English Mushroom Spawn, which is largely used by the most successful growers around Philadelphia. Full and explicit instructions are contained in our circular "How to Grow Mushrooms Successfully," which we will mail free on application.

**Best English Milltrack Spawn.**  
10 lbs. \$1.20, 25 lbs. \$2.75, 50 lbs. \$5.00.  
Per brick 15 cts., by mail 25 cts.

**French Spawn** in 3 lb. boxes \$1.25.

**NASTURTIUM.***(Indian Cress.)*

*Indianische Kresse, oder Kapuziner, GER. Capucien grande, FR. Capuchina ó Berro Indio, SP.*

Cultivated both for use and ornament. The seed pods, which resemble capers, are gathered while green and tender for pickling, and the leaves are used for mixing with salads. Sow early in the spring, in drills about 1 inch deep, in light rich soil, when all danger of frost is over; train the Tall on brush, trellises, or fences, and grow the Dwarf in beds. The flowers are very beautiful and of varying shades of yellow, brown, orange and scarlet.

**Tall Mixed.** The most profitable pickling variety. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 40 cts., lb. \$1.25.

**Dwarf.** Beautiful colors; mixed.

Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.75.

**DIXIE WATER MELON.**

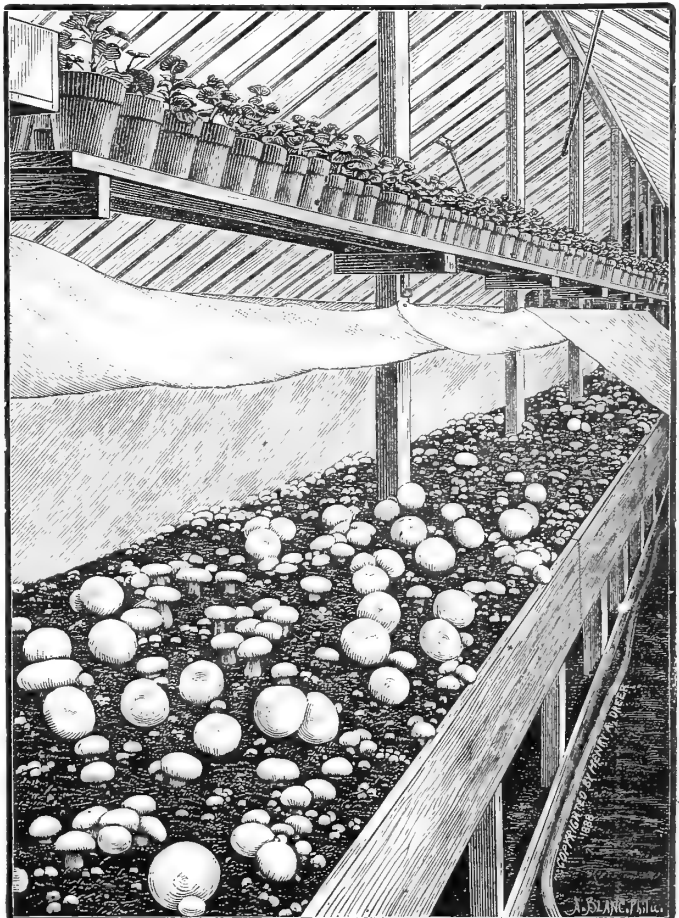
A new Southern variety, a cross between the Kolb Gem and old-fashioned Mountain Sweet, surpassing the former in earliness, productiveness and shipping qualities, and fully equalling the latter in quality and fine flavor. It has a remarkably hard but very thin rind, and will keep longer than any other variety. Pkt. 10 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.00.

**White Gem.** A new round white-skinned variety, somewhat resembling the Russian Volga, but said to have originated in China. It is extremely hardy and productive, and thrives well in our climate; flesh pink and of delicious flavor, rind thin, but very tough and hard. Pkt. 10 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75.

**MARTYNIA.**

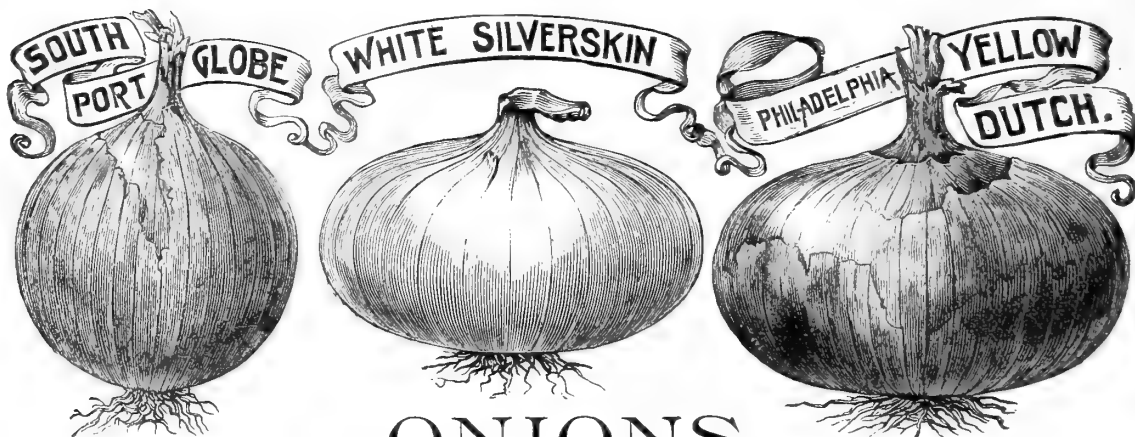
The seed pods are used for pickling, when gathered young and tender. Sow the seed in the open ground in May, in hills 3 feet apart each way, or in a hot-bed, and afterwards transplant. The flowers are borne freely, and the peculiar shape of the pods makes it an attractive plant even for the flower garden.

**Martynia Proboscidea.** Flowers light blue. Pkt. 5 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.00.



MUSHROOMS AS GROWN AT THE MODEL FARM, PHILADELPHIA, FROM SPAWN SUPPLIED BY US.





## ONIONS.

*Zwiebel, GER. Oignon, FR. Cebolla, SP.*

One ounce for one hundred feet of drill; six pounds for one acre.

For sets, sow the seeds as early as possible in the spring, very thickly, in drills. As soon as the tops die off in summer, remove them to a dry, airy place; and early in the following spring replant by placing the sets in shallow drills 12 inches apart, and about 4 inches apart in the drills; the Onions, by this process, are obtained of a large size early in the season. They may also be grown to full size during the first season by sowing thinly in drills 1 foot apart, and about  $\frac{1}{4}$  inch deep, in March, or early in April, in strong land, well manured, and thinning them out to stand 3 or 4 inches apart in the drills, keeping them well hoed and free from weeds; for this purpose the Red Wethersfield and Yellow Danvers are usually preferred. They delight in a strong, rich, deep, loamy soil, and succeed well if grown successive years on the same ground.

Seed can be sown in August and September, in drills wide enough apart to admit of working; when the plants have grown of sufficient size to be fit for table use thin out to 4 inches apart, to secure a crop of large Onions. This plan works admirably in the South, but will not prove successful where the ground freezes deeply or is subject to constant changes of temperature in spring.

**Extra Early Red.** About ten days earlier than the Wethersfield, and somewhat smaller, close-grained and heavy, of mild flavor and an excellent keeper.

Pkt. 10 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 60 cts., lb. \$2.00.

**Danvers Yellow Globe.** An early globe-shaped Onion of mild flavor and attractive color. A good keeper and very productive.

Pkt. 10 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 60 cts., lb. \$2.00.

**Philadelphia Yellow, or Dutch Strasburg.** The leading market variety, a good keeper, and well flavored; bright straw colored skin and somewhat flattened shape.

Pkt. 10 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 60 cts., lb. \$2.00.

**Large Red Wethersfield.** A leading variety in the Eastern States; it grows to full size the first season from seed, almost round, large size, deep red color, and keeps well. Pkt. 10 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.75.

**White, or Silver Skin.** A mild flavored early variety, extensively grown for pickling, not quite as good a keeper as the Yellow Strasburg.

Pkt. 10 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. \$1.00 lb. \$3.00.

**Southport Yellow Globe.** A very large, handsome, globular-shaped, yellow variety, very productive, of mild flavor, excellent keeper.

Pkt. 10 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 60 cts., lb. \$2.00.

**Southport White Globe.** Pure white color, mild flavor, and equally as good for keeping as the yellow sort.

Pkt. 10 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. \$1.00 lb. \$3.00.

**Southport Red Globe.** Similar in shape and size to the Southport Yellow Globe, but ripens somewhat later. It is a splendid keeper, and in quality is superior to most other red varieties.

Pkt. 10 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 60 cts., lb. \$2.00.

**White Pearl.** One of the earliest varieties, of a pure white color, mild flavor and attractive appearance. For the South this is a specially desirable sort, as it grows quickly and can be brought early into the market.

Pkt. 10 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. \$1.00 lb. \$3.00.

**White Queen.** A rapid growing silver-skinned variety, of mild flavor, early, remarkable for its keeping qualities, and excellent for pickling.

Pkt. 10 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 70 cts., lb. \$2.25.

## ITALIAN OR TRIPOLI ONIONS.

The Italian Onions grow very rapidly and attain large size. They are very attractive in appearance, of delicate flavor, free from strong odor, and are very desirable for early use. They are certain croppers and produce remarkably large Onions from seed the first year. Where other varieties have failed, these have proved very successful.

**White Barletta.** An extra early white Onion, ripening 10 days to 2 weeks earlier than New Queen. As a pickling variety it will undoubtedly find favor, while for table use, its mild flavor, pure white color and extreme earliness will make it desirable. Size medium.

Pkt. 10 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. 75 cts., lb. \$2.50.



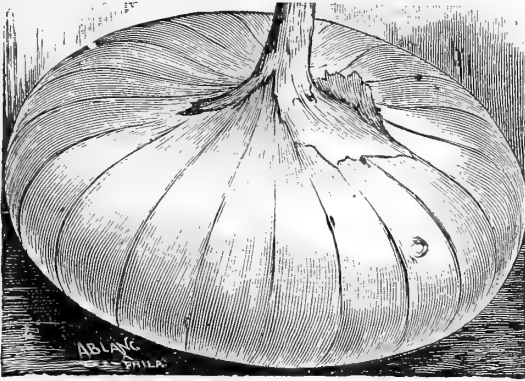
LARGE WHITE TRIPOLI.

**Large White Tripoli.** An excellent large white variety, of quick growth, mild and pleasant flavor and of a flattened shape.

Pkt. 10 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. 1.75.

**Large Red Tripoli.** A large red, flat Onion, of delicate flavor. Like the other Italian sorts, it is free from strong aroma, and adds to its other good qualities that of keeping well during the winter.

Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.75.



### MAMMOTH SILVER KING.

This is the largest of the white Italian Onions, and attains an enormous size in one season from seed. This sort is deserving of extensive cultivation, and will be found especially serviceable in the family garden, as it is of mild flavor, attractive appearance and form, and a good keeper.

Pkt. 10 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts., lb. \$2.50.

**Giant Rocca.** A very large variety from Naples, bright brown skin, and delicate flavor; globular in shape.

Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.50.

**Red Bassano, or Brown Genoa.** A large, deep-reddish brown variety, an excellent sort, of good keeping quality. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.75.

## ONION SETS.

Onion Sets should be planted out as early in spring as the ground is dry enough to work; plant them in rows 1 foot apart, with sets 3 or 4 inches apart. When raised from sets the Onions can be used in the green state in June, or they will be ripened off by July.

Our Onion Sets have been kept in good condition and are re-cleaned.

**White.** Qt. 30 cts.

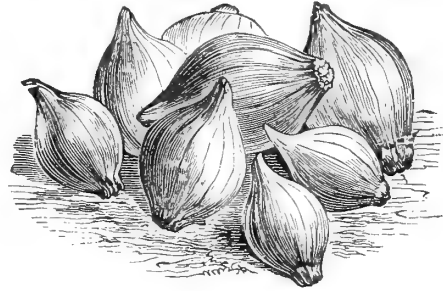
**Yellow.** Qt. 25 cts.

**Potato Onions.** Qt. 25 cts.

**Shallots.** Qt. 25 cts.

**Garlic.** Lb. 30 cts.

Price per peck and bushel on application.



ONION SETS.

## OKRA, OR GOMBA.

*Eschschol Hibiscus*, GER.

*Gombo*, FR.

*Quimbombo*, SP.

This vegetable is extensively grown for its green pods, which are used in soups, stews, etc., to which they impart a rich flavor and are considered nutritious. Sow the seed thickly in rich ground about the middle of May, or when the ground has become warm, in drills 3 feet apart and 1 inch deep; thin out to 10 inches apart in the drills. Hoe often, and earth up a little to support the stems. The very young pods can be gathered and dried for winter use.

**Improved Dwarf Green.** A very desirable sort for market gardeners, as it is very productive, bears long pods, which remain tender a long time and are free from hard ridges.

Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 75 cts.

**Dreer's Little Gem.** The best of the Dwarf sorts. Pods long, slender, and of a light green color. They are borne profusely, and retain their tenderness till of good size.

Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. \$1.00.

**White Creole** (*Syn. White Velvet*). This variety is largely grown in the South, and is preferred by many to the green-podded sorts, as it is considered to be more tender and of better flavor. The pods are perfectly round, free from ridges, and are soft and velvety to the touch. They are of unusual size, and of a creamy white color.

Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. \$1.00.



IMPROVED DWARF OKRA.

## PARSLEY.

*Petersilie*, GER. *Persil*, FR. *Peregil*, SP.

One ounce will sow 150 feet of drill.

Used for garnishing and seasoning soups, meats, etc. Succeeds best in a mellow, rich soil. Sow thickly early in April, in rows 1 foot apart and  $\frac{1}{2}$  inch deep; thin out the plants to stand 6 inches apart in the rows. The seed is slow of germination, taking from three to four weeks to make its appearance, and often failing to come up in dry weather. To assist its coming up quicker, soak the seed a few hours in warm water, or sprout in damp earth, and sow when it swells or bursts. For winter use protect in a frame or light cellar.

**Curled.** A good medium curled variety for garnishing and seasoning. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. \$1.00.

**Extra Curled Perpetual.** A distinct variety of unequalled merit, beautifully crimped and curled. It can be cut the year round, as it rarely runs to seed.

Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 40 cts., lb. \$1.25.

**Fern Leaved.** Nothing better for garnishing could be desired. As a garden decorative plant it is very ornamental. It will stand the winter if covered before frost.

Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 40 cts., lb. \$1.25.



DWARF EXTRA CURLED PARSLEY.

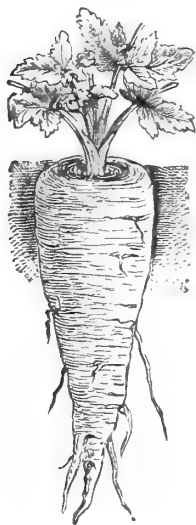
**Dwarf Extra Curled.** Leaves tender, crimped and very curly, of a beautiful bright green color, and very ornamental; excellent for garnishing.

Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. \$1.00.

## PARSNIP.

*Pastinake*, GER. *Panais*, FR. *Pastinaca* & *Chirivia*, SP.

One ounce for 200 feet of drill, 5 to 6 lbs. for an acre.



HOLLOW CROWN.

Sow as early in the spring as the weather will admit, in drills 15 inches apart and  $\frac{1}{2}$  inch deep, in a rich, deep soil; thin out to 6 inches apart in the rows. The quality of the roots is improved by leaving them in the ground over winter for spring use. Secure enough in pits or cellars for immediate needs. Valuable for feeding stock as well as for table use.

**Large Sugar, or Hollow Crown.** The best variety; roots long, very smooth, white, tender, sugary, and of excellent flavor. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 60 cts.

**Student.** A good, half-long variety, smooth, sweet and of delicate flavor. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 60 cts.

## PEPPER.

*Pfeffer*, GER. *Piment*, FR. *Pimiento*, SP.

Peppers are indispensable as a seasoning for soups and meats. The large varieties are mainly used for this purpose and pickling. The mild, sweet varieties, like Golden Dawn and Ruby King, are used for Mangoes, while the small fruited sorts are the best for sauces. Sow in hot-beds in March or April, or on a warm sheltered border in May, and when the season is favorable transplant in good, rich, mellow ground, in rows 2 feet apart and 18 inches in the rows.



LARGE SWEET BELL.

**Large Sweet Bell, or Mountain.** A large early variety, of mild flavor, rind thick and fleshy; the best for pickling and pepper sauce or filled as Mangoes.

Pkt. 10 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.00.

**Ruby King.** Bright crimson scarlet, large, bell-shaped pods. A good variety for Mangoes or pickling as it is not too fiery. A productive sort.

Pkt. 10 cts., oz. 40 cts.,  $\frac{1}{4}$  lb. \$1.25, lb. \$4.00.



PROCOPP'S GIANT.

**Procopp's Giant.** Grows uniformly to a very large size, measuring from 8 to 9 inches long, of a brilliant scarlet color; flesh very thick and moderately hot.

Pkt. 10 cts., oz. 40 cts.,  $\frac{1}{4}$  lb. \$1.25, lb. \$4.00.

**Golden Dawn.** A magnificent yellow Pepper of the bell class; mild and sweet.

Pkt. 10 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.00.

**Red Cluster.** One of the most desirable Peppers. It bears its bright scarlet fruit in numerous clusters. As a decorative plant for the flower garden it will be found very useful, as its brilliant scarlet fruit makes a charming contrast with its deep green leaves.

Pkt. 10 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.00.

**Coral Gem.** Beautiful little pods of shining red color, so thickly set as to give it the appearance of a bouquet of coral. Pkt. 10 cts., oz. 50 cts.



CELESTIAL.

**Celestial.** One of the most prolific of the Peppers. The pods are borne upright; are conical in shape, and vary in color from creamy white when unripe to brilliant scarlet when ready for pickling. Whether for culinary or decorative purposes, it will be found very useful.

Pkt. 10 cts., oz. 40 cts.,  $\frac{1}{4}$  lb. \$1.25, lb. \$4.00.

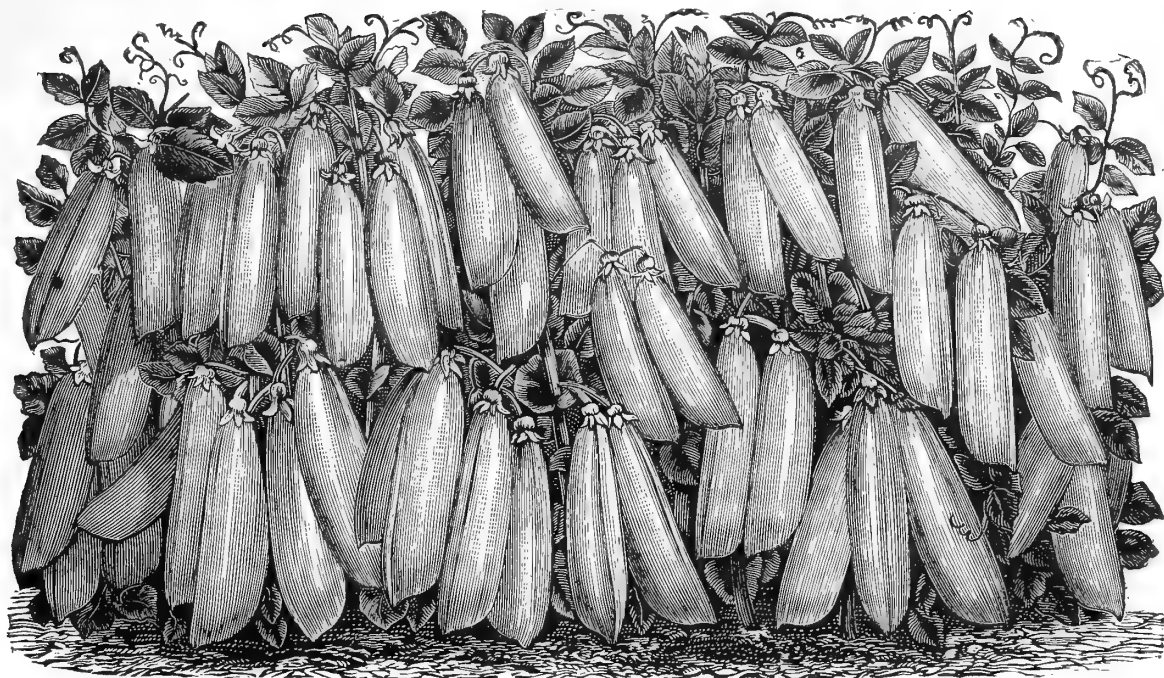
**Red Cherry.** A beautiful ornamental variety, fruit round, of a rich glossy scarlet color, very hot and used for seasoning. Pkt. 10 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. \$1.00.

**Long Red Cayenne.** From 3 to 4 inches long, of bright red color, very productive and hot.

Pkt. 10 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.00.

**Small Chili.** Red conical, pods about 2 inches long, very hot and prolific; used for seasoning and sauces.

Pkt. 10 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. \$1.00.



DREER'S EXTRA EARLY PIONEER.

## PEAS.

One quart will plant about 100 feet of drill; one and a half bushels for one acre.

Peas mature earliest in a light, rich soil; for a general crop, a rich deep loam, or inclining to clay, is the best. When grown for a market crop sow in single rows, 1 inch apart and 2 to 3 inches deep, the rows from 2 to 4 feet apart, according to the variety. When grown in gardens sow in double rows, 6 to 8 inches apart, the tall ones requiring brush. Commence sowing the extra early varieties as early as the ground can be worked in February or March; continue for a succession every two weeks until June, then discontinuing until the middle of August, when a good crop may be secured by sowing the extra early and early sorts for fall use. They should be kept clean, and earthed up twice during growth. The wrinkled varieties are not as hardy as the small hard sorts, and if planted early should have a dry soil, or they are liable to rot in the ground; they are, however, the sweetest and best flavored varieties. The dwarf varieties are best suited from their habit for small gardens or for forcing, and can be planted in rows 1 foot apart.

### EXTRA EARLY VARIETIES.

**Dreer's Eureka Extra Early.** The earliest and most prolific variety. This sort has given the best results wherever grown, and is a standard for earliness and quality. It is an even cropper, and can be gathered clean in two pickings. This is an important item when the space is wanted for repeated cropping. For a late fall crop it has few equals, and is the market gardener's favorite for all seasons; height, 20 inches.

Pt. 15 cts., qt. 30 cts., peck \$1.25, bu. \$4.50.

**Dreer's Extra Early Pioneer.** A Pea that will meet the wants of all who desire EARLY PEAS. Pods of medium size, containing 4 to 6 full, plump peas of fine flavor. A remarkably early variety, and one that should be largely planted by market gardeners and truckers.

Pt. 15 cts., qt. 30 cts., peck \$1.50, bu. \$5.

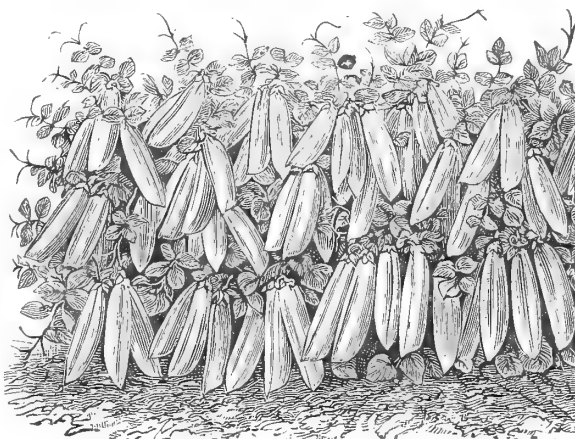
**Improved Daniel O'Rourke.** A valuable sort for market gardeners and private use. Of good flavor, productive and early.

Pt. 15 cts., qt. 25 cts., peck \$1.15, bu. \$4.00.

**Alaska.** An extra early round pea resembling Kentish Invicta. Of good flavor and color, and bearing pods of a dark green color, which are well filled and ripen uniformly; height, 2 feet. Pt. 15 cts., qt. 30 cts., peck \$1.25, bu. \$4.50.

**Lightning.** A very early Pea, bearing in great profusion long well-filled pods, containing peas of a bright green color, well flavored, sweet, and of good size. The plants are completely studded with peas early in the season; 2 feet. Pt. 15 cts., qt. 30 cts., peck \$1.50, bu. \$5.00.

**American Wonder.** The earliest wrinkled variety in cultivation; in productiveness, flavor and quality it is unsurpassed. Pt. 20 cts., qt. 35 cts., peck \$1.75, bu. \$6.00.



AMERICAN WONDER.

**Blue Beauty.** A good variety to follow American Wonder; it grows compactly and bears a profusion of excellent peas; height, 18 inches.

Pt. 20 cts., qt. 40 cts., peck \$2.00, bu. \$7.00.



# PEAS.

## EXTRA EARLY VARIETIES.—

*Continued.*

**Extra Early Premium Gem.** A fine flavored dwarf, wrinkled variety; pods long, dark green and prolific; 18 inches. Pt. 15 cts., qt. 30 cts., peck \$1.50, bu. \$5.00.

**McLean's Little Gem.** A dwarf first early, green-wrinkled marrow, very prolific, and of superior flavor; 1 foot. Pt. 15 cts., qt. 30 cts., peck \$1.50, bu. \$5.00.

**Laxton's Alpha.** One of the earliest wrinkled marrows; a prolific variety, of fine flavor; pods large and well filled; 3 feet. Pt. 15 cts., qt. 30 cts., peck \$1.75, bu. \$6.00.

## SECOND EARLY.

**McLean's Advancer.** A fine early market variety, prolific, well-filled long pods, tender, and of delicious flavor; 2 feet. Pt. 15 cts., qt. 25 cts., peck \$1.25, bu. \$4.00.

**Horsford's Market Garden.** A prolific and desirable Pea for a summer crop; pods are full and borne in profusion. Pt. 15 cts., qt. 30 cts., peck \$1.50, bu. \$5.00.

**Bliss' Abundance.** Pods 3 to 3½ inches long, round and well filled, containing 6 to 8 large wrinkled peas of excellent quality. It ripens about one week after the earliest kind. 6 to 8 inches apart in the rows is the nearest that the plants should stand. 1½ ft.

Pt. 15 cts., qt. 30 cts., peck \$1.50, bu. \$5.00.

## FOR GENERAL CROP.

**Stratagem.** A green, wrinkled marrow, producing numerous pods of large size peas of excellent quality. A superior variety that cannot be too highly recommended; 2½ feet. Pt. 20 cts., qt. 35 cts., peck \$2.00, bu. \$6.50.

**Yorkshire Hero.** A splendid wrinkled marrow for market and kitchen gardens; of branching habit, abundant cropper, and excellent quality; 2½ feet.

Pt. 15 cts., qt. 25 cts., peck \$1.25, bu. \$4.50.

**Everbearing.** A first-class pea for summer and autumn use, pods 3 to 4 inches long, and contain 6 to 8 peas of a rich flavor, very sweet and tender. Owing to its remarkable branching habit it remains in bearing an unusually long time; 2 feet.

Pt. 15 cts., qt. 30 cts., peck \$1.50, bu. \$5.00.

**Champion of England.** One of the best and most popular wrinkled varieties in cultivation, of delicious flavor; a profuse bearer; height 5 feet.

Pt. 15 cts., qt. 25 cts., peck \$1.25, bu. \$4.00.

**Telephone.** Immensely productive, of the finest quality, and excellent sugary flavor; vines very strong, averaging 18 to 20 pods per stalk; the pods are of large size and closely packed with large, delicious peas; 4 feet.

Pt. 20 cts., qt. 35 cts., peck \$2.00, bu. \$6.00.

**Pride of the Market.** A medium early dwarf pea of vigorous habit and very productive. The pods are large, of a medium green color, and contain 7 to 9 peas of fine quality. This variety will doubtless come rapidly into favor; 1½ feet.

Pt. 20 cts., qt. 35 cts., peck \$2.00, bu. \$6.50.

**Culverwell's Telegraph.** A strong grower, producing large pods containing 10 to 12 large peas in each. Peas, when cooked, are of a deep green color, and of very fine flavor. Pt. 20 cts., qt. 35 cts., peck \$2.00, bu. \$6.50.

**Blue Imperial.** A favorite summer, market gardener's variety; good bearer, and of fine flavor; 3 feet.

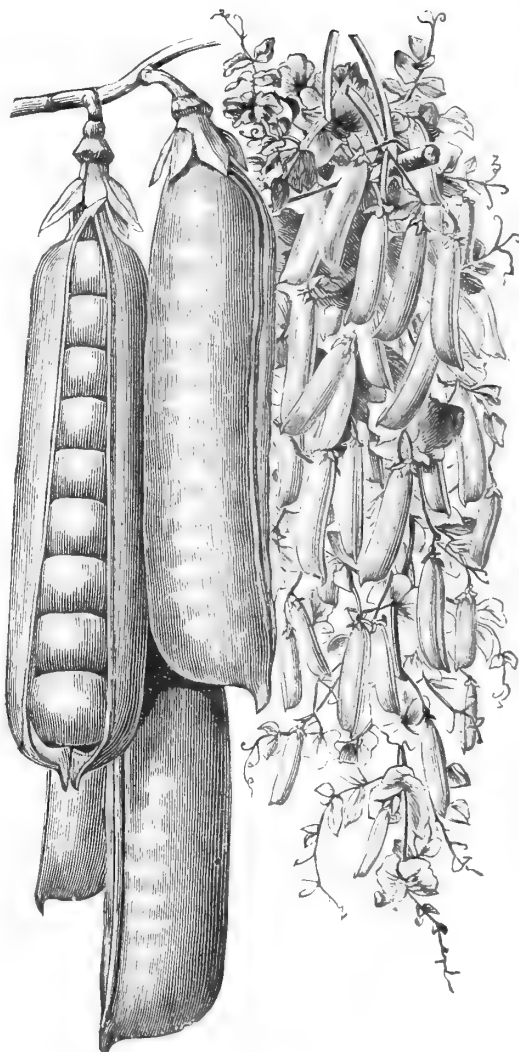
Pt. 15 cts., qt. 25 cts., peck \$1.25, bu. \$4.50.

**Large White Marrowfat.** A favorite variety; large well-filled pods; 5 feet.

Pt. 10 cts., qt. 20 cts., peck \$1.00, bu. \$3.00.

**Black-Eyed Marrowfat.** This and the White Marrowfat are extensively grown as field peas, as they are hardy, productive, and bear well-filled pods; 4 feet.

Pt. 10 cts., qt. 20 cts., peck \$1.00, bu. \$3.00.



CHAMPION OF ENGLAND.

## EDIBLE PODDED, OR SUGAR PEAS.

The varieties of this class are cultivated for their pods, which are remarkably tender and succulent; in flavor equal to the best string beans. They are gathered young, boiled whole, and served up with white sauce.

**Dwarf White Sugar.** Edible pods, fine flavor; used like Snap-Short beans; 2 feet. Pint 20 cts., qt. 40 cts.

**Tall White Sugar.** Large, long, edible pods; used like the Dwarf Sugar; 5 feet. Pint 20 cts., qt. 40 cts.

**Melting Sugar.** A new and prolific variety of delicious quality; 5 to 6 feet. Pint 30 cts., qt. 60 cts.

**Dwarf Gray Seeded Sugar.** Similar to above variety, except in height, which is only 2 feet. Pint 20 cts., qt. 40 cts.

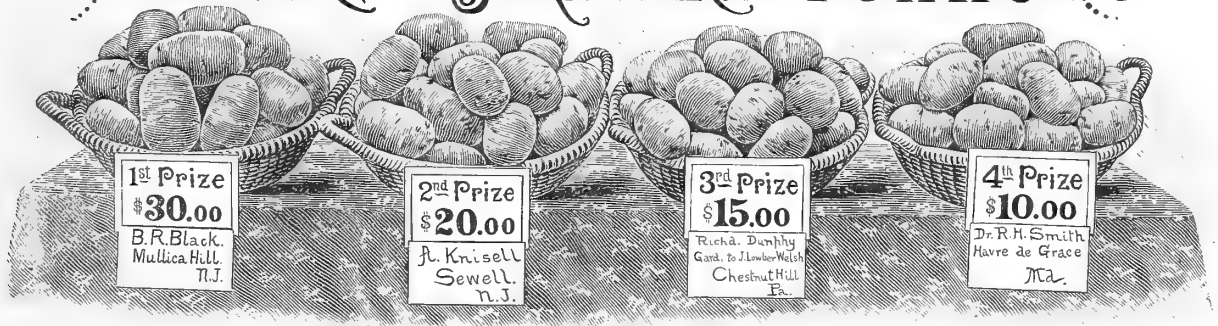
## PEAS—Field Varieties.

**Southern Black-Eye Cow Peas.** (Whippoorwill.) A small white variety, used for soiling. Qt. 20 cts., peck 75 cts., bu. \$2.50.

**Canada Field Peas.** Used as feed for pigeons, etc., and grown for canning; in a green state they are similar to the canned French peas. Qt. 20 cts., peck 60 cts., bu. \$1.75.

*In a comparative test of early varieties of Peas at the Pennsylvania State College, Agricultural Experiment Station, in 1890, Dreer's Extra Early Pioneer was the first to yield, requiring but 51 days from time of sowing to produce pods ready for use.*

# DREER'S STANDARD POTATO



## THE FOUR PRIZE WINNERS.

Premiums Awarded to Competitors for the best Peck of Dreer's Standard Potato, July, 1891.

# POTATOES.

*Kartoffel, Gr. Pomme de Terre, Fr. Potata ó Papas, Sp.*

The soil best suited to the Potato is a rich, sandy loam, but it seems to thrive in almost any soil or climate. The potato being a gross feeder, requires a liberal application of manure; if stable manure is to be used, it should be well rotted, and not allowed to come in contact with the tubers. On no other crop are the results from the use of phosphates so manifest as on the potato; almost invariably the tubers are smoother, brighter, and freer from rust and the destructive influence of wire worms. The best fertilizers are plaster, lime, super-phosphate of lime, and bone-dust, for heavy and wet soils especially, as they promote growth and at the same time prevent disease. Plant as early in the spring as the ground can be thoroughly worked, in rows 3 feet apart and 1 foot in the rows; covering in light, warm soil about 4 inches, and in cold, wet ground 3 inches deep; draw the earth to the plants as they advance in growth. If an early crop is desired, sprout the tubers, or cut potatoes, in a light, warm room, from four to six weeks before planting, then lift carefully and plant out; by this process shoots are obtained that, as soon as planted out in the open ground, will send out roots, and grow more rapidly than if treated in the ordinary way. The soil should be constantly stirred through the season to prevent the surface from baking. Many seem to consider it harmful, after the potatoes have set, to disturb the soil in any way; this is contradicted by the experience of the best growers, who run the cultivator until the vines are dead. In some sections "flat culture" is preferred to "ridging," especially where droughts prevail, or the soil is very loose and sandy.

For seed potatoes, select well-formed tubers of good size. Some growers cut to one eye, leaving as large a piece as possible attached. About 8 bushels are required by this method to properly seed an acre.

Many successful growers plant medium sized potatoes whole, maintaining that, though there is an increase in small potatoes, there is a corresponding increase of marketable stock. That this is borne out by results the following table, which has been made from careful competitive trials, will show. Taking 100 as a basis, the account stands: Whole Potatoes, large, 100 per cent.; Whole Potatoes, small, 79 per cent.; single eye, 36.16 per cent.

Some growers cut their seed in halves lengthwise, while others cut them in quarters, both using large potatoes. Under ordinary cultivation the process of cutting to a single eye is to be deprecated, for the young plants, not having sufficient nutriment, often start off weak, while many fail to grow at all. By using larger seed the vines grow more vigorously at the start, and are better able to stand the changes of the season and yield satisfactory returns. More seed is required per acre for planting, but the crop will be in every way more satisfactory and profitable.

**Dreer's Standard.** A splendid extra early variety, of fine quality, beautiful appearance and extraordinary productiveness, free from disease or rot and an excellent keeper. Peck \$1.00, bu. \$3.00, bbl. \$6.00.

**Early Ohio.** A seedling of the Early Rose, ripens about a week earlier. It is round and oblong in shape, of vigorous growth and excellent quality.

Peck 75 cts., bu. \$2.25, bbl. \$4.50.

**Ohio Junior.** Closely resembling its parent, the Early Ohio, but is rather rounder and said to be more productive. A good keeper and of excellent quality.

Peck 75 cts., bu. \$2.25, bbl. \$4.50.

**Early Puritan.** A first-class early Potato, of handsome, oblong shape; flesh pure white; matures with the Early Rose. Peck 75 cts., bu. \$2.25, bbl. \$4.50.

**Early Rose.** A leading variety for earliness, quality and productiveness.

Peck 60 cts., bu. \$2.00, bbl. \$4.00.

**Beauty of Hebron.** A little earlier than Early Rose, very productive, of excellent quality; a good keeper.

Peck 60 cts., bu. \$2.00, bbl. \$4.00.

**Rural New Yorker, No. 2.** A valuable variety, of distinct appearance; large size, very smooth and a great cropper; in quality unexcelled.

Peck 75 cts., bu. \$2.25, bbl. \$4.50.

**Clark's No. 1.** An early sort resembling Early Rose, but considered more prolific. It cooks mealy, is of excellent flavor, of first quality, and is a profitable variety for the farmer or market gardener.

Peck 60 cts., bu. \$2.00, bbl. \$4.00.

**Burbank's Seedling.** A white-skinned, medium early variety, with few eyes; flesh fine grained and of excellent flavor; producing a large crop of marketable potatoes.

Peck 60 cts., bu. \$2.00, bbl. \$4.00.

**Chas. Downing.** A new potato having sterling merit, hardy and productive, and possessing the highest quality for eating. Although early in ripening it is a good keeper. Medium size, slightly flattened oval shape, light lemon color, with smooth skin. Eyes few, small, and nearly even with the surface.

Peck 75 cts., bu. \$2.25, bbl. \$4.50.

*Prices of Potatoes are subject to market changes. Potatoes are forwarded by express or freight as directed, purchaser paying charges. We use our discretion in regard to time of shipment, as frequently, when orders are received, the weather for a week at a time will not permit safe delivery. We assume no risk on Potatoes. They are forwarded strictly at purchaser's risk.*

# POTATOES—Continued.

**State of Maine.** Medium early, excellent flavor, cooks dry, is a good keeper and very productive.

Peck 60 cts., bu. \$2.00, bbl. \$4.00.

**White Star.** A medium early variety of the very best quality and appearance. Large, oblong, uniform-sized tubers, remarkably productive; of excellent keeping qualities. Peck 60 cts., bu. \$2.00, bbl. \$4.00.

**Empire State.** An excellent potato. Skin smooth, white; eyes close to the surface, flesh pure white, and cooks dry and mealy. A heavy cropper.

Peck 60 cts., bu. \$2.00, bbl. \$4.00.

**Green Mountain.** A prolific late variety, skin white, smooth, eyes shallow and few in number. Of large size, and a good keeper. Peck 75 cts., bu. \$2.25, bbl. \$4.50.

**Mammoth Pearl.** A medium late variety. Of good quality; skin and flesh white; very productive and good keeper. Peck 60 cts., bu. \$2.00, bbl. \$4.00.

**Crown Jewel.** This is a seedling of the Early Ohio, and partakes of the excellent qualities of that fine variety, while it is at least a week earlier and vastly more productive. It is a beautiful potato; skin white and smooth, eyes shallow but strong, flesh pure white and floury.

## SWEET POTATOES.

**Yellow Nansmond.** A short, thick variety, very productive, and considered the best for general culture.

Sets—peck 60 cts., bu. \$2.00, bbl. \$4.00.

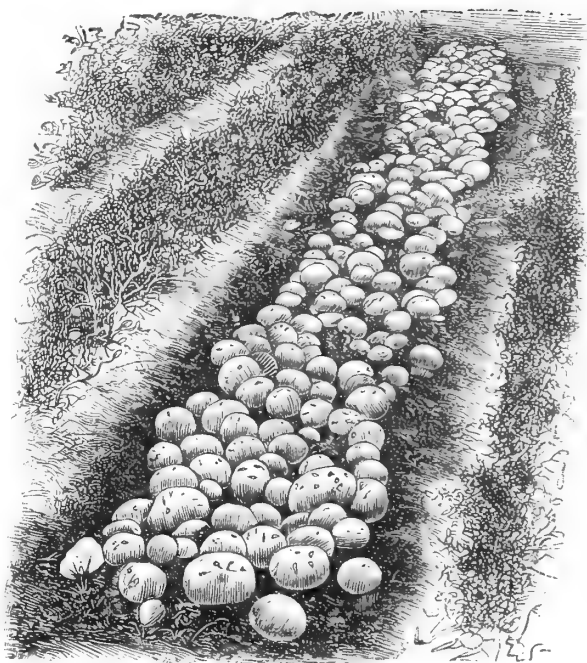
**Red Nansmond.** Short, thick, and of good flavor, largely grown in some sections in preference to the yellow sorts, and considered by some as more hardy.

Sets—peck 60 cts., bu. \$2.00, bbl. \$4.00.

Peck 75 cts., bu. \$2.25, bbl. \$4.50.

At the above prices, express and freight charges are to be paid by the purchaser.

*As the price of potatoes is governed by the market, the above quotations are but nominal, but are believed to be about the prices that will rule in the spring. Special quotations for large quantities, or varieties not listed, will be given on application. Our potatoes are all carefully selected and grown from the best Northern Stock.*



A GOOD CROP OF STANDARDS.

# PUMPKIN.

Kürbis, GER. Potiron, FR. Calabaza, SP.

Sow in good soil in May, when the ground has become warm, in hills 8 or 10 feet apart each way, or in fields of corn about every fourth hill; plant at the same time with the corn; always avoid planting near other vines, as they will hybridize. The Cashaw is generally preferred for cooking and making pies.

**Cashaw.** Long, yellow crook-neck, similar to the Crook-neck Winter Squash; the best for table use or feeding stock; flesh yellow, solid, fine-grained, and sweet.

Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 75 cts.



TENNESSEE SWEET POTATO PUMPKIN.

**Large Cheese.** One of the best for table use, productive, skin orange, flesh yellow and sweet.

Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 60 cts.

**Large Tours, or Mammoth.** A productive variety, which grows to an immense size, often weighing over a hundred pounds.

Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. \$1.00.

**Tennessee Sweet Potato.** Of medium size, pear-shaped, flesh thick, cream white, fine-grained, and of excellent flavor.

Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. \$1.00.

**Connecticut, or Large Common Yellow Field.** A very productive, large yellow variety, and grown principally for feeding stock.

Oz. 5 cts.,  $\frac{1}{4}$  lb. 15 cts., lb. 40 cts.



LARGE CHEESE PUMPKIN.

# RADISH.

*Rettig, oder Radieschen, GER. Radis, Rave, Petite et longue, FR.  
Rabano, SP.*

Radishes thrive best in a light, rich, mellow soil, and to bring out their mild qualities they must make a quick and tender growth; heavy or clayey soils not only delay their growth, but produce a much inferior crop in appearance and flavor. Sow for very early use in hot-beds during the winter and early spring, or later on in sheltered borders, in well-manured, deeply dug, and finely raked soil; if not well stimulated into a rapid growth, they become fibrous and tough; sow in drills 10 inches apart, and thin to 2 inches in the rows. Sow at intervals of two or three weeks until September for a succession. As soon as the first leaves appear, sprinkle with soot, wood-ashes or air-slacked lime, to save them from the little black, Cabbage and Turnip fly. Slug Shot is a positive remedy for the black, Cabbage and Turnip fly, and can be confidently recommended for that purpose. The winter varieties should be sown in July and August; like the Turnip they make the best growth in the autumn, and must be taken up before severe frost, and stored away in a cool cellar in sand, or a pit, where they will keep tender and crisp all winter; before using put in cold water, which adds to their freshness.

## EARLY RADISHES.

**White-Tipped Scarlet Gem.** A new and excellent variety for forcing, with very short leaves, bright scarlet, with a clearly-defined white tip, giving it a very attractive appearance when bunched for market. Per pkt., 5 cts.; oz., 15 cts.;  $\frac{1}{4}$  lb., 40 cts.; per lb., \$1.25.

**Early French Breakfast.** Oblong shape, rapid growth, very mild and tender, of a beautiful scarlet color tipped with white. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 65 cts.

**Early Scarlet Turnip.** A small top variety, of quick growth, mild and crisp. It is a standard sort and in all respects desirable for early planting in the open ground. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 65 cts.

**Long Scarlet Short Top.** The standard family and market gardener's variety; long, bright scarlet, with small top.

Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 65 cts.

**Round Red Forcing.** One of the earliest and best of the Turnip varieties for forcing; very short-leaved; small top; color of skin dark red, white-fleshed, with very small tap-root.

Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 75 cts.

**Round White Forcing.** Similar to the above in every respect, except its white skin.

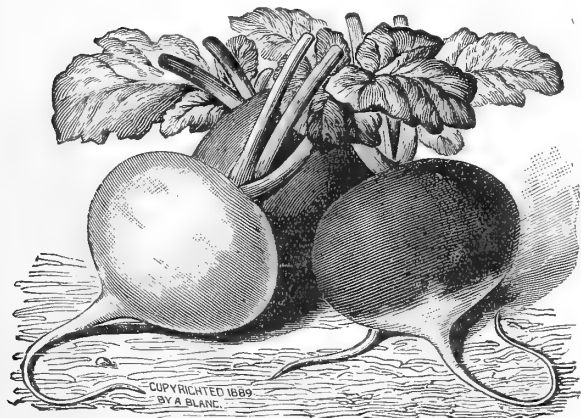
Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 75 cts.

**Scarlet Frame.** A very early Turnip Radish; of a bright scarlet-crimson color, perfectly round, crisp and tender, of excellent flavor, and a showy and attractive sort.

Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.25.

**Early White Turnip.** An early, crisp, Turnip-shaped Radish of a pure white color.

Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 65 cts.



WHITE BOX. CARDINAL GLOBE. WHITE-TIP. SCARLET GEM.



CHARTIER. WHITE STRASBURG. HALF LONG DEEP SCARLET.

**Cardinal Globe.** This is the very best forcing variety, and is sown largely by market gardeners and truckers. It is of globular shape and brilliant cardinal red color, with short top, and will stand a large amount of heat without becoming pithy.

Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.50.

**White Box.** This sort holds the same position among White Radishes as Cardinal Globe does among the Red. It is perfectly round, smooth skin, pure white and free from any sharpness or bitterness. A remarkably quick grower, with small top. For forcing it is in every way superior.

Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.50.

**Half Long Deep Scarlet.** An excellent intermediate sort, for forcing or open ground.

Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 65 cts.

**Wood's Early Frame.** Top very small, bright salmon color, and several days earlier than Long Scarlet.

Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 65 cts.

## SUMMER RADISHES.

**Beckert's Chartier.** Color bright salmon scarlet, shading to white as it approaches maturity. It is very crisp, tender, and of mild and pleasant flavor.

Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 75 cts.

**Large White Summer Turnip.** The market gardener's favorite; large, turnip-shaped, white, very crisp.

Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 65 cts.

**Large Yellow Summer Turnip.** Like the above, except in color.

Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 65 cts.

**Long White Naples.** An excellent long variety, flesh white, crisp and mild.

Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 75 cts.

**Golden Yellow Olive-Shaped.** A new very early yellow Radish, adapted for forcing and the open ground. It is of attractive shape, crisp and tender, maturing in about twenty days.

Pkt. 10 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 40 cts., lb. \$1.25.

**Long White Vienna, or Lady Finger.**—An attractive sort, long tapering roots of a pure white color. Mild in flavor, tender, crisp and in all respects a fine variety.

Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 75 cts.

**White Strasburg.** A variety that should be largely grown. The roots are oblong, of a pure white color, very brittle, and of a mild flavor.

Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 75 cts.



## RADISHES—Continued.

### Winter Varieties.

**Long Black Spanish.** A large, long variety, one of the hardest, firm in texture, keeping until spring. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 75 cts.

**Round Black Spanish.** Like the above, except form. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 75 cts.

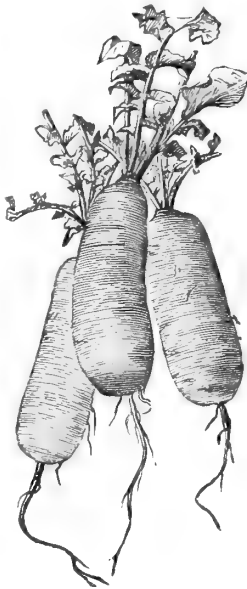
**Large White Spanish.** Of milder flavor than the black varieties. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 75 cts.

**Scarlet China.** One of the best fall and winter varieties, a favorite with market gardeners; bright rose-color, flesh white, firm, and of superior quality. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 75 cts.

**Round Scarlet China.** A new variety of the China Winter Radish. The root is round, of a fine scarlet color, of medium size,  $2\frac{1}{2}$  to 3 inches in diameter, by as much in length; the flesh is pure white and of an agreeable and mild flavor.

Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.25.

**California White Winter.** A mammoth variety, growing 12 inches long, white-fleshed, firm, and of excellent quality. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. \$1.00.



SCARLET CHINA.

### RHUBARB.

*Rhabarber*, GER. *Rhubarbe*, FR. *Ruibarbo Bastardo*, SP.

The stalks of this plant are used for pies and tarts. Sow in April, in drills 1 foot apart; when 3 or 4 inches high, thin out in the rows to 10 inches apart, and transplant the ensuing autumn or spring to any desired situation, in a deep, rich soil. The ground must be dug and heavily manured, at least 2 feet deep. Set out the roots 3 feet apart each way, and the following spring it will be fit for use. In the fall the bed should have a thick dressing of coarse manure, which is to be dug into the ground in the spring. We recommend those who desire a choice article to procure the roots, which can be set out either in the fall or spring as above described.

**Linnaeus.** Early, large, tender, and very fine.

Pkt. 5 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts.

**Victoria.** Very large; the finest cooking variety.

Pkt. 5 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts.

### RHUBARB ROOTS.

(See *Vegetable Plants*, etc., page 43.)

### SORREL.

**Large Leaved Garden.** Cultivated for its acidity and much used in salads.

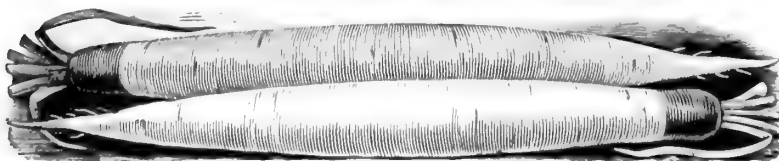
Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.50.

## SALSIFY.

(Oyster Plant.)

*Haferwurzel oder Bocksbart*, GER. *Salsifis*, FR. *Ostra Vegetal ô Barba Cabruna*, SP.

A fine vegetable, used and served as Carrots; or, after being boiled, made into cakes and fried like oysters, which they re-



SANDWICH ISLAND MAMMOTH SALSIFY.

semble in flavor. Cultivate the same as Carrots and Parsnips; it is hardy, can remain in the ground all winter for early spring use, but should be taken up before it starts growing; take up a supply for use during the winter. Succeeds best in a light, well-enriched, mellow soil. Sow early in the spring in drills 15 inches apart, 1 inch deep, and thin out to 6 inches apart in the rows.

**Mammoth Sandwich Island.** This variety grows here to a very large size, and resembles a good sized parsnip. It is very mild and delicate flavored and has already found its way to popular favor.

Pkt. 10 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 60 cts., lb. \$2.00.

**Long White.** The favorite market variety, and the best flavored. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.50.

**Long Black, or Scorzonera.** Resembling the above; scrape off the coarse rind, and soak the roots a few hours in cold water before cooking, to extract their bitter taste.

Pkt. 10 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts., lb. \$2.50.



DREER'S SAVOY SPINACH.

## SPINACH.

One ounce for 100 feet of drill; 10 to 12 lbs. in drills for an acre.

*Spinate*, GER. *Epinard*, FR. *Espinaca*, SP.

This is an important market gardener's crop, of easy culture. For spring and summer use sow either broadcast or in drills 1 foot apart and 1 inch deep, as early as the ground can be worked, and every two weeks for a succession. For winter and early spring use, sow in September, in well-manured ground; cover with straw on the approach of severe cold weather. The ground cannot be too rich; the stronger the ground the more delicate and succulent will be the leaves. Sow the New Zealand variety in hills 3 feet apart each way, planting three or four seeds to the hill, or they can be started in heat and transplanted; it can be cut for use all summer.

**Dreer's Round Seeded Savoy.** The hardest large Savoy leaved; curled and crimped, with thick, fleshy leaves, the best for family and market purposes, and the best of all sorts for fall sowing.

Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 15 cts., lb. 40 cts.

**Long Standing Round Seeded.** A new large crimped, thick, fleshy Savoy leaved variety; will stand two weeks longer than any other sort before shooting to seed; the best for spring sowing, on account of seeding so late.

Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 15 cts., lb. 40 cts.

**Large Leaved Virolay.** A very fine selection of the old lettuce-leaved spinach; for summer use it is excellent.

Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 15 cts., lb. 40 cts.

**Prickly Seeded, or Fall.** The hardest variety, having smaller leaves; is not so productive as the above sorts.

Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 15 cts., lb. 40 cts.

**New Zealand.** This variety endures heat and drought, and is the best for summer use; it produces a large quantity of leaves throughout the season and can be cut from continuously.

Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. \$1.00.

# SQUASH.

*Küchenkürbis*, GER. *Courge*, FR. *Calabasa Tontanera* ó *Cidracayote*, SP.

Squashes should be planted in a warm, light, rich soil, after the weather has become settled and warm, about the middle of May or June. Plant in well-manured hills, in the same manner as Cucumbers and Melons—the bush varieties 3 or 4 feet apart each way, and the running kinds from 6 to 8 feet. Eight to ten seeds should be sown in each hill, thinning out, after they have attained their rough leaves, and danger from bugs is over, leaving three or four of the strongest plants per hill.



GOLDEN CUSTARD SQUASH.

## EARLY SORTS.

**Early White Bush.** The best early variety for market or shipping; it grows to a large size, scalloped like a patty-pan, and bearing an abundant crop.

Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 75 cts.

**Golden Custard Bush.** Of similar size and shape to the White Bush, but of a rich golden yellow color.

Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. \$1.00.

**Yellow Crook Neck.** Early, productive, and of good quality; skin orange-yellow.

Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 75 cts.

## SUMMER AND FALL SORTS.

**Early Orange Marrow.** An improved Boston Marrow. Quite distinct, very early, and prolific, and of most delicate flavor; suitable either for fall or winter.

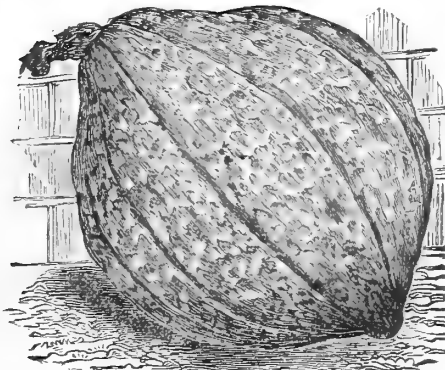
Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. \$1.00.

**Perfect Gem.** This Squash possesses the excellent qualities of both the summer and winter varieties combined.

Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 75 cts.

**Boston Marrow.** About ten days later than the Bush varieties; a good keeper, of excellent flavor, flesh orange colored and fine-grained.

Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 75 cts.



BOSTON MARROW SQUASH.

**Vegetable Marrow.** A delicious English sort; skin greenish white, flesh white, soft, and of a rich flavor; a heavy cropper, quite distinct from the other sorts.

Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 40 cts., lb. \$1.25.

## FALL AND WINTER SORTS.

**Bay State.** A new Squash of a peculiar greenish tinge outside, and with golden yellow flesh of good quality, sweet and fine-grained. A little earlier than Essex Hybrid and promises well as a good keeper.

Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. \$1.00.

**Cook's Favorite.** A distinct and excellent new variety, possessing all the most desirable attributes of a Squash.

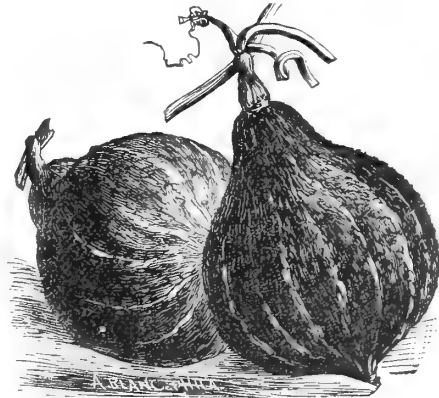
Pkt. 10 cts., oz. 30 cts.

**Essex Hybrid.** A valuable fall and winter Squash. Very prolific, fine-grained orange-red flesh, very sweet and dry, and fills all the requirements of a first-class Squash.

Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. \$1.00.

**Fordhook.** A new winter Squash of great merit. Of a handsome, bright yellow color outside, and straw-yellow within. The flesh is dry and sweet.

Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.50.



HUBBARD SQUASH.

**Hubbard.** A general favorite, and one of the best late table varieties; of large size, flesh fine-grained, dry, and of excellent flavor.

Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 75 cts.

**Mammoth Chili.** Rich orange-yellow, flesh thick, and of good quality for making pies. This quality grows to an enormous size, specimens frequently attaining the weight of 225 lbs. A valuable sort for feeding stock.

Pkt. 10 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.50.

**Olive.** By many considered superior to the Hubbard. Skin olive green, flesh rich orange, sweet and cooks dry.

Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. \$1.00.

**Pike's Peak, or Sibley.** An improvement on the Hubbard. The shell is smooth and thin and of a pale green color; flesh thick, solid; vivid orange in color; very dry; of fine grain and delicate flavor.

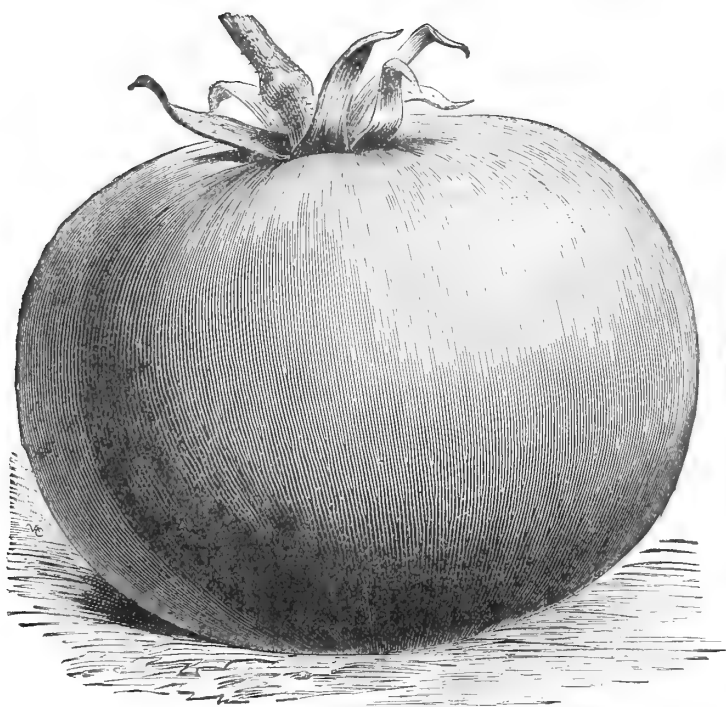
Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 75 cts.

**Pine Apple.** A fall and winter variety of excellent quality; flesh creamy white, fine-grained and of a rich flavor.

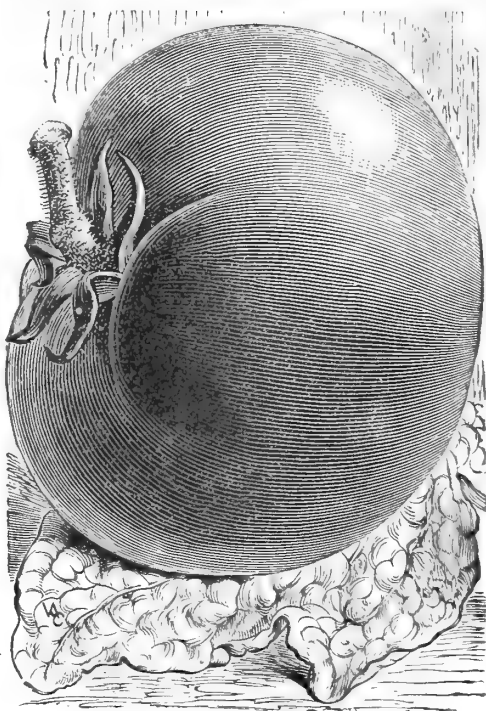
Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 75 cts.

**Winter Crookneck.** One of the best sorts for winter use, as it is an excellent keeping variety. Largely grown in New England and Canada. Flesh bright yellow; of fine flavor.

Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. \$1.00.



THE STONE TOMATO.



DWARF CHAMPION.

# TOMATO.

*Liebesäpfel, GER. Tomate, FR. Tomate, SP.*

For early plants sow in hot-beds early in March, in drills 5 inches apart and  $\frac{1}{2}$  inch deep; when the plants are about 2 inches high, transplant into another hot-bed 4 inches apart each way; plant out in the open ground early in May, or as soon as danger from frost is over, 4 feet apart each way in hills, which should have a shovelful of well-rotted manure mixed with the soil. Water freely at time of transplanting; when the first fruit is set, pinch off the ends of the branches to obtain early fruit. Sufficient plants for a small garden can be grown in a shallow box or a large flower-pot, by placing it in a sunny window of a warm room or kitchen. For late use, sow in a sheltered border in May, and set out the plants in July; the green fruit can be picked off before frost and ripened under glass. By training the Tomato vines on trellises or tying to stakes, they will increase in productiveness, the fruit will ripen better and be of finer quality.

**Acme.** One of the best for family use; ripens evenly, of medium uniform size, round, very solid, of a pinkish color, and very productive.

Pkt. 10 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 60 cts., lb. \$2.00.

**Ignotum.** Excellent for family or market use; very prolific; the earliest of the large, deep red, smooth varieties; heavy and solid.

Pkt. 10 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.00.

**Livingston's Beauty.** Rich glossy crimson with a slight purple tinge; the fruit grows in clusters of 4 to 5; is of large size, very smooth, and retains its character till late in the season.

Pkt. 10 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts., lb. \$2.50.

**Livingston's Favorite.** One of the largest and most perfect shaped varieties, ripens evenly and early; very prolific, good flavor, few seeds, flesh solid; bears shipping well. Pkt. 10 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts., lb. \$2.50.

**Livingston's Perfection.** Larger than Acme, fully as early, perfectly smooth, solid, almost round, deep red in color, with few seeds, and ripening all through at the same time. Pkt. 10 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts., lb. \$2.50.

**Lorillard.** A splendid sort for forcing under glass as well as for out-door culture; bright, glossy red, smooth; of fine flavor, and very early.

Pkt. 10 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.00.

**Mikado.** Very large, fairly smooth and solid; skin purplish red; has distinct broad foliage.

Pkt. 10 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts., lb. \$2.50.

**Dwarf Champion.** An early and distinct variety, coming rapidly to maturity; medium in size; plant of dwarf and compact growth.

Pkt. 10 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.00.

**The Stone.** A fine new variety. The fruit very large, bright scarlet, very smooth, occasionally slightly octagon shaped, ripening evenly to the stem without a crack; exceedingly solid and firm fleshed, and above all not subject to rot. Pkt. 10 cts., oz. 40 cts.,  $\frac{1}{4}$  lb. \$1.25, lb. \$4.00.

**Red Mikado.** We consider this one of the finest Tomatoes ever sent out. For slicing it will be found excellent, as it has few seeds and is very solid. The Tomatoes are of a bright red color, large size, borne in clusters of 4 to 7, ripen evenly, and remain firm when fully ripe; free from any purple tinge and in flavor all that the most fastidious can desire. Pkt. 10 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.50.

**Paragon (Selected).** We are quite confident that no better strain of an "all around" Tomato exists than the selection we are offering. It is early, a heavy bearer, and produces fruit until killed by frost. The Tomatoes ripen evenly, are very solid, in flavor all that can be desired. For canners, market gardeners and family use it will be found indispensable. Pkt. 10 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.00.

**Horsford's Prelude.** Bright, crimson, round, smooth; rather under size and growing in clusters; first-class sort to grow under glass or out of doors; very early.

Pkt. 10 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.00.

**Ringleader.** A remarkably large and heavy-fruited Tomato. The flesh is very thick, solid and of excellent quality. It is a second early variety, and should not be depended upon for early fruit.

Pkt. 10 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.50.

**Volunteer.** An early Tomato, of attractive color and uniformly good size. Of perfect form, a continuous bearer; ripens well to the stem, and is entirely free from hard core.

Pkt. 10 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.50.

**TOMATO—Continued.**

**Dreer's Selected Trophy.** One of the very best in cultivation; our seed is saved only from the finest ripe specimens, which for size, smoothness, solidity and excellent flavor are unsurpassed.

Pkt. 10 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.50.

**Golden Queen.** A very handsome yellow Tomato; resembles the Paragon in size, solidity and productiveness. For preserving this sort will be found valuable.

Pkt. 10 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.50.

**Peach.** This variety is entirely different from any other Tomato, and closely resembles a peach in size, form and color. Of delicate flavor and very attractive in appearance. The fruit is two inches in diameter and borne in large quantities. An excellent preserving sort.

Pkt. 10 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.00.

**King Humbert.** A desirable sort for table decorations. Of a delicate strawberry flavor, bright scarlet color, and a first-class preserving sort. Pkt. 10 cts., oz. 40 cts.

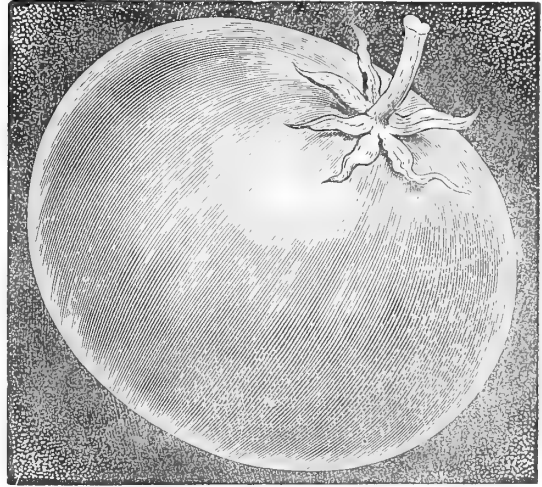
**Red Pear-Shaped.** Oval shape; bright red, used for preserving and pickling. Pkt. 10 cts., oz. 30 cts.

**Yellow Plum.** Small size, smooth, bright yellow, used for preserving. Pkt. 10 cts., oz. 30 cts.

**Red Cherry.** A small early variety, size and shape of a cherry; for pickling. Pkt. 10 cts., oz. 30 cts.

**Yellow Cherry.** Pkt. 10 cts., oz. 30 cts.

**Red Currant.** A very small and pretty sort, grown for preserves. Pkt. 10 cts., oz. 30 cts.



GOLDEN QUEEN.

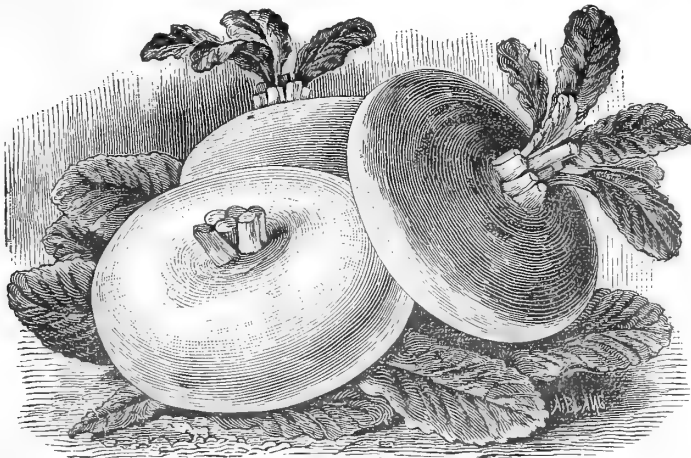
**Strawberry, or Ground Cherry.** The fruit has a pleasant strawberry-like flavor. Excellent for sauce and preserving.

Pkt. 10 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. \$1.00.

**TURNIP.**

*Steckrübe, GER. Navet, FR. Nabo Comun, SP.*

For early use, sow as soon as the ground opens in spring, in drills from 12 to 15 inches apart; thin out to 6 or 9 inches in the rows; as soon as the first leaves appear, sprinkle with soot, wood-ashes, air-slaked lime, or Slug Shot, to destroy the little black fly, which will devour the plants if not attended to in time. Slug Shot is a certain remedy for the black fly. For a succession, continue to sow every two weeks until June; for a fall and winter crop, sow in July and August; do not sow later than the 1st of September. The Ruta Bagas are grown for feeding stock, and are also excellent for the table. Take up the roots in November or before severe frosts; cut off the tops within an inch of the crown, store in a cool cellar or pit, or pile up in a conical form, out of doors, in dry ground; cover carefully with long straw, and finish by earthing up, covering them with about 12 or 15 inches of earth, leaving a trench around the heap to carry off the water. Put away in this manner they will be found in good condition in the spring.



WHITE FLAT DUTCH.

RED TOP STRAP LEAF.

**Early White Flat Dutch.** An early, white-fleshed variety, of quick growth, mild flavor, and excellent quality. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 50 cts.

**Red, or Purple Top Strap Leaf.** This strap-leaved variety is the principal sort for early spring and fall use; top is red or purple above ground, flesh fine grained, of mild flavor, and a good keeper.

Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 50 cts.

**Extra Early Munich.** A very early variety, purple top, white flesh, of fine grain and good flavor. Should be grown quickly. Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 60 cts.

**Extra Early Purple Top Milan.** This variety is at least two weeks earlier than any other. It is of a handsome appearance, somewhat flattened, white with purple top, flesh snow-white, fine grained and delicate flavor.

Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 60 cts.

**Early White Egg.** An egg-shaped variety, for spring or fall sowing, flesh white, firm, fine-grained, mild and sweet.

Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 25 cts., lb. 60 cts.

**Purple Top White Globe.** A variety of decided merit. Of globular shape, very handsome, and of superior quality, either for the table or stock. It is a heavy producer, early, of rapid growth, and an excellent keeper.

Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 50 cts.

**Yellow Globe, or Amber.** One of the best for a general crop, flesh firm and sweet, grows to a large size, excellent for table use or feeding stock, and keeps well until late in the spring.

Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 50 cts.

**Yellow Stone.** One of the best yellow fleshed varieties for table use; equally good for feeding stock.

Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 50 cts.

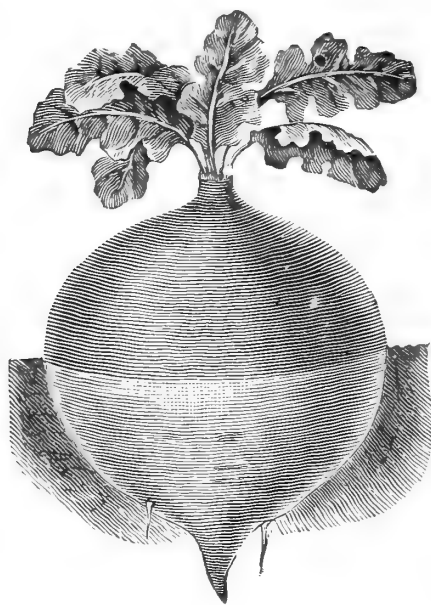
**Golden Ball, or Orange Jelly.** A rapid grower, of excellent flavor, globe-shaped, bright yellow color, good keeper, and a superior table variety, or for stock.

Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 50 cts.

**Long White, or Cow Horn.** Grows very quickly, partly above ground; very productive, flesh white, fine-grained and sweet, of excellent quality for family and market gardeners' use.

Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 50 cts.





IMPROVED YELLOW PURPLE TOP RUTA BAGA.

**TURNIP—Continued.**

**Improved Yellow Purple Top Ruta Baga, or Swedish Turnip.** The leading market variety, and principally grown for stock as well as for family use. Hardy, productive, flesh yellow, solid, sweet, fine-grained, and of good flavor.

Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 50 cts.

**Sweet German (White French).** The best of the Ruta Bagas for table use, flesh white, fine-grained, sweet and mild. A good keeper.

Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 50 cts.

**Seven Top (Southern Greens).** Largely grown in the South for producing an abundance of foliage to boil with cured meats, etc.

Pkt. 5 cts., oz. 10 cts.,  $\frac{1}{4}$  lb. 20 cts., lb. 50 cts.

**TOBACCO.**

**Connecticut Seed Leaf.** One of the best varieties for cigar wrappers. Pkt. 10 cts., oz. 30 cts.

**Pennsylvania Seed Leaf.** The most noted selection grown in Lancaster county. It has a larger and finer leaf than the Connecticut. Pkt. 10 cts., oz. 30 cts.

**White Burley.** The most popular variety grown in the West. Pkt. 10 cts., oz. 30 cts.

**Havana.** The fine qualities of this variety make it indispensable. The seed we offer is the best Vuelta Abajo.

Pkt. 10 cts., oz. 40 cts.

**Hyc, Herter, Sterling, Long-leaf Gooch, Yellow Prior.** Each per pkt. 10 cts., oz. 30 cts.

**SWEET, POT AND MEDICINAL HERBS.**

Herbs, in general, delight in a rich, mellow soil. Those marked with an \* are perennial, and when once obtained in the garden may be preserved for years with a little attention. Sow the seeds early in the spring in shallow drills, 1 foot apart; when up a few inches, thin out to proper distances, or transplant. No garden is complete without a few sweet, aromatic or medicinal herbs for flavoring soups, meats, etc., and care should be taken to harvest them properly. They should be cut on a dry day just before they come into full blossom; tied in bunches and hung up or spread thinly on a floor where they can dry quickly; when dry, pack in boxes or tins so as to exclude the air.

**Anise** (*Pimpinella anisum*). Used for garnishing and flavoring. Pkt. 5 cts., oz. 15 cts.

**\*Balm** (*Melissa officinalis*). Used for tea or balm wine; height, 1 foot. Pkt. 5 cts., oz. 50 cts.

**Basil, Sweet** (*Ocimum basilicum*). Used for soups, stews and sauces; 1 foot. Pkt. 5 cts., oz. 40 cts.

**Bene** (*Sesamum orientale*). Used medicinally; 18 inches. Pkt. 5 cts., oz. 20 cts.

**Borage** (*Borago officinalis*). Excellent for bees, etc.; 3 feet. Pkt. 5 cts., oz. 20 cts.,  $\frac{1}{4}$  lb. 50 cts., lb. \$1.25.

**\*Caraway** (*Carum carui*). For confectionery and medicine, also flavoring; 2 feet. Pkt. 5 cts., oz. 10 cts.

**Castor Oil Bean** (*Ricinus communis*). For ornament and medicine; 6 feet. Pkt. 5 cts., oz. 15 cts.

**Coriander** (*Coriandrum sativum*). Grown for its seed, also for garnishing; 2 feet. Pkt. 5 cts., oz. 10 cts.

**Cumin** (*Cuminum cyminum*). Good for pigeons, etc. Pkt. 5 cts., oz. 15 cts.

**Dill** (*Anethum graveolens*). The leaves are used in soups, sauces and pickles; also the seed for flavoring; 3 feet. Pkt. 5 cts., oz. 15 cts.,  $\frac{1}{4}$  lb. 30 cts., lb. \$1.00.

**\*Horehound** (*Marrubium vulgare*). Used medicinally; 2 feet. Pkt. 10 cts., oz. 40 cts.

**\*Lavender** (*Lavendula vera*). An aromatic medicinal herb; 2 feet. Pkt. 5 cts., oz. 25 cts.

**\*Fennel, Sweet** (*Anethum faniculum*). The leaves are ornamental; when boiled they are used in fish sauces; 6 feet. Pkt. 5 cts., oz. 15 cts., lb. \$1.00.

**Marjoram, Sweet, American** (*Origanum marjoram*). Sweet Marjoram grown from American seed is best for winter use, as it makes more bulk; 1 foot.

Pkt. 10 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.50.

**Marjoram, Sweet, Imported.** Imported seed is best to cut when green for summer use, as it grows vigorously, and produces numerous leaves; 1 foot.

Pkt. 5 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts., lb. \$2.50.

**\*Rosemary** (*Rosemarinus officinalis*). An aromatic and ornamental herb; 4 feet. Pkt. 10 cts., oz. 40 cts.

**\*Rue** (*Ruta graveolens*). For medicinal purposes; good for fowls for the croup; 3 feet. Pkt. 5 cts., oz. 25 cts.

**\*Sage** (*Salvia officinalis*). The tender leaves and tops are used in sausage, stuffing and sauces; 18 inches.

Pkt. 5 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts., lb. \$2.00.

**Savory, Summer** (*Satureia hortensis*). For seasoning purposes; 1 foot. Pkt. 5 cts., oz. 25 cts.,  $\frac{1}{4}$  lb. 75 cts.

**\*Savory, Winter** (*Satureia montana*). For same use as the above. Pkt. 10 cts., oz. 40 cts.

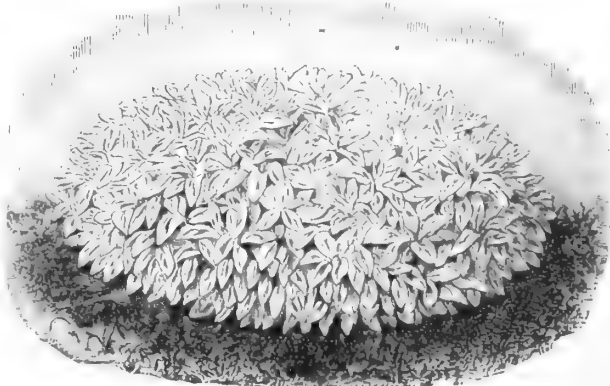
**\*Tansy** (*Tanacetum vulgare*). For medicinal use; 3 feet.

Pkt. 10 cts., oz. 50 cts.

**\*Thyme, French Summer** (*Thymus vulgaris*). Used for seasoning; 1 foot. Pkt. 10 cts., oz. 30 cts.,  $\frac{1}{4}$  lb. \$1.00.

**\*Thyme, Broad-Leaved English.** For seasoning. Pkt. 10 cts., oz. 40 cts.,  $\frac{1}{4}$  lb. \$1.25.

**\*Wormwood** (*Artemisia absinthium*). Used medicinally, beneficial for poultry, and should be planted in poultry yards. Pkt. 10 cts., oz. 30 cts.



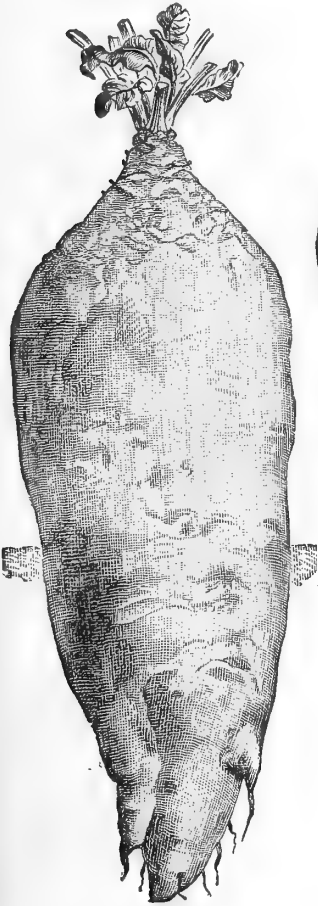
SAGE.

# FARM SEEDS.

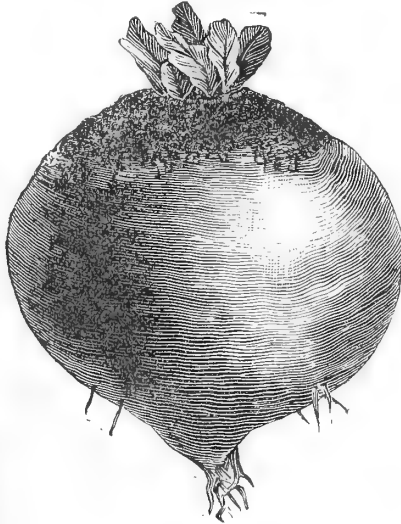
We give special attention to the quality of all our Farm Seeds, and send out only re-cleaned stock. It is our aim to send out pure stock, true to name. For green manures we recommend sowing thickly Sugar Cane, Tares, Field Peas, Rye, and Oats, and plowing under when 6 to 8 inches high.

## Sugar Beets and Mangels.

For stock feeding these are indispensable. No one who keeps horses, sheep or cattle should be without these roots for winter and fall feeding. They are rich in saccharine matter, increase largely the flow of milk, and are excellent for feeding to fattening stock.



LONG RED MAMMOTH  
MANGEL WURZEL.



YELLOW GLOBE MANGEL WURZEL.

soil than the Long Red.  $\frac{1}{4}$  lb. 15 cts., lb. 40 cts., 10 lbs. \$3.00.  
**Yellow or Orange Globe.** The same as the above, only differing in color.  $\frac{1}{4}$  lb. 15 cts., lb. 40 cts., 10 lbs. \$3.00.  
**Sugar Cane.** A very sweet and large growing Mangel. Should be grown by stock raisers, as it is an excellent variety.  $\frac{1}{4}$  lb. 15 cts., lb. 40 cts., 10 lbs. \$3.00.

### MANGEL WURZEL.

*Sow 6 lbs. per acre.*

**Golden Tankard.** Considered indispensable by the best dairymen, owing to its productiveness and richness in saccharine matter. Deep yellow flesh and skin.  $\frac{1}{4}$  lb. 15 cts., lb. 40 cts., 10 lbs. \$3.50.  
**Golden Yellow Mammoth.** A long Mangel, resembling in form and size the Red Mammoth; flesh, leaf stalks and midrib of the leaves golden yellow, flesh rich in saccharine matter. This should be grown largely by all interested in dairying, as it will be found extremely rich in all the elements of high feeding.

$\frac{1}{4}$  lb. 15 cts., lb. 40 cts., 10 lbs. \$3.50.

**Mammoth Long Red.** A variety that is grown extensively by agriculturists. It produces large roots partly above the ground.

$\frac{1}{4}$  lb. 15 cts., lb. 40 cts., 10 lbs. \$3.00.

**Norbiton Giant.** An exceedingly heavy cropper, grows nearly two-thirds of its length out of the ground. Though of immense size it is easily harvested and is a valuable sort.

$\frac{1}{4}$  lb. 15 cts., lb. 40 cts., 10 lbs. \$3.00.

**Red Globe.** A large red oval variety, which keeps well, and produces better crops on shallow

### SUGAR BEETS.

**Improved Imperial White Sugar.** An improvement on the other varieties of Sugar Beets; more hardy and containing a greater percentage of sugar.

$\frac{1}{4}$  lb. 20 cts., lb. 50 cts., 10 lbs. \$4.00.

**Lane's Improved White Sugar.** This Sugar Beet attains a large size, and grows considerably above the ground; fine for feeding.  $\frac{1}{4}$  lb. 15 cts., lb. 40 cts., 10 lbs. \$3.50.

**White Sugar.** A large growing variety, excellent for stock feeding and sugar-making.  $\frac{1}{4}$  lb. 15 cts., lb. 40 cts., 10 lbs. \$3.00.

**Large White Norfolk.** 50 cts. lb.; 10 lbs. \$4.50.

**Long White or Cow Horn.** 50 cts. lb.; 10 lbs. \$4.50.

### Yellow Fleshed Turnips.

**Aberdeen Purple-Top Yellow.** 50 cts. lb.; 10 lbs. \$4.50.

**Golden Ball.** 50 cts. lb.; 10 lbs. \$4.50.

**Yellow Globe.** 50 cts. lb.; 10 lbs. \$4.50.

### CARROT.

*Sow 4 lbs. per acre. (For description see page 25.)*

**Improved Long Orange.**  $\frac{1}{4}$  lb. 25 cts., 80 cts. lb.

**Danvers Half Long.**  $\frac{1}{4}$  lb. 25 cts., 90 cts. lb.

**White Belgian.**  $\frac{1}{4}$  lb. 25 cts., 75 cts. lb.

**Altringham.**  $\frac{1}{4}$  lb. 25 cts., \$1.00 lb.

### PARSNIP.

*Sow 5 lbs. per acre.*

**Long Smooth or Hollow Crown.**  $\frac{1}{4}$  lb. 25 cts., lb. 60 cts.

### PUMPKIN.

**Connecticut Field.** Used for feeding cattle. Per lb. 40 cts.

## TURNIPS.

### Ruta Baga Varieties.

**Improved American (Purple-Top).** Very hardy and productive; flesh yellow, solid, sweet; good for stock or table use. 5 cts. pkt.; 10 cts. oz.; 20 cts.  $\frac{1}{4}$  lb.; 50 cts. lb.; 10 lbs. \$4.50.

**Skirving's Purple-Top.** A first-rate variety; grows large and a good keeper. 5 cts. pkt.; 10 cts. oz.; 20 cts.  $\frac{1}{4}$  lb.; 50 cts. lb.; 10 lbs. \$4.50.

**Large White French.** A superior variety for table or stock; flesh firm, white and solid. 5 cts. pkt.; 10 cts. oz.; 20 cts.  $\frac{1}{4}$  lb.; 50 cts. lb.; 10 lbs. \$4.50.

**Long Island Improved Purple-Top.** This is undoubtedly the finest variety of purple-top Ruta Baga, and is twice the size of ordinary stocks. 5 cts. pkt.; 10 cts. oz.; 25 cts.  $\frac{1}{4}$  lb.; 60 cts. lb.

### White Fleshed Turnips.

**Purple-Top White Globe.** 50 cts. lb.; 10 lbs. \$4.50.

# FIELD CORN.

Our Seed Corn has been grown for us by specialists, and will be found of the highest grade as to quality and germinating power. We shall be pleased to quote any varieties not listed herein.



GOLDEN BEAUTY.

**Golden Beauty.** Very large handsome yellow grains. The ears are filled out to the extreme end; the cob is unusually small; it matures very early, and its yield is enormous.

Dozen ears 50 cts., qt. 15 cts., peck 50 cts., bu. \$1.50.

**Early Yellow Canada, or Flint.** A ninety day corn, used principally for replanting where the other varieties fail to come up, and then maturing at the same time with the common field varieties; good for northern latitudes.

Dozen ears 50 cts., qt. 15 cts., bu. \$1.50.

**Early Large White Flint.** The old Hominy eight-rowed variety; very early, productive and of good quality.

Dozen ears 50 cts., qt. 15 cts., bu. \$1.50.

**Hickory King.** A distinct White Dent Field Corn. The stalks are strong, and bear two and occasionally three ears; the cob is remarkably small. It is very productive and of good quality. Dozen ears 50 cts., qt. 15 cts., peck 50 cts., bu. \$1.50.

**Cloud's Early Yellow Dent.** Early, strong and vigorous, growing from 6 to 8 feet high, producing large, handsome ears, with unusually deep grains. This is a remarkably prolific corn, and should be largely grown by careful farmers.

Dozen ears, 50 cts., qt. 15 cts., peck 50 cts., bu. \$1.50.

**Longfellow.** A remarkably long-eared early yellow flint corn. A desirable variety for making meal.

Dozen ears 50 cts., qt. 15 cts., bu. \$1.50.

**Leaming Gourd Seed.** One of the best and most productive varieties, having very deep grains and hardly any cob. A reliable sort, and one that should be planted largely. Dozen ears 50 cts., qt. 15 cts., bu. \$1.50.

**White Surprise.** The best and most productive White Dent Corn; makes splendid meal for family use.

Dozen ears 50 cts., qt. 15 cts., peck 50 cts., bu. \$1.50.

## ENSILAGE CORN.

**Red Cob Ensilage.** A pure white corn growing on a red cob. It is sweet, tender, juicy, has short joints and produces an abundance of foliage. Every dairy farmer should grow this sort; it will produce 25 to 30 tons per acre. Sow  $1\frac{1}{2}$  to  $1\frac{3}{4}$  bushels per acre.

Qt. 15 cts., peck 50 cts., bu. \$1.50.

**Blount's Prolific White.** (Ensilage Corn.) This variety bears 4 to 6 ears per stalk, grain plump and white; it is very productive, and is also considered the best variety for making ensilage. Qt. 15 cts., peck 50 cts., bu. \$1.50.

**Southern Fodder.** Another white variety that every Silo owner or dairy farmer should not overlook. It grows 12 to 16 feet high, has broad foliage and tender stalks. There is no better fodder to keep up the flow of milk during hot weather when the grass is burned up. It will yield 30 to 40 tons per acre. Sow  $1\frac{1}{2}$  to  $1\frac{3}{4}$  bushels per acre. Qt. 15 cts., peck 50 cts., bu. \$1.50.

**Sweet Fodder Corn.** (For siloing or ensilage.) Profitable as green fodder, cut when green to feed cattle. Sow broadcast 2 bushels, and drills 3 feet apart 1 bushel per acre. Bu. \$1.50.

## BROOM CORN.

**Improved Evergreen.** This variety is extensively grown on account of the color and quality of its brush, which is long, fine, and straight, and always green; grows 7 feet high. Qt. 15 cts., by mail 25 cts., bu. \$3.00.

## SUGAR CANE.

**Early Amber.** The earliest and most productive variety. Height 10 to 12 feet. Its saccharine matter is of first quality, fine and rich. One of our best green fodder plants, producing from 2 to 3 cuttings during the summer. Sow 4 qts. in drills and 8 qts. broadcast to the acre.

Qt. 20 cts., postpaid 35 cts., bu. \$3.00.

## TEOSINTE.

(Reana Luxurians.)

This gigantic fodder plant, introduced from Central America, somewhat resembles Indian Corn. It produces a great number of shoots, growing 12 feet high, thickly covered with leaves, and yielding such an abundance of forage that one plant is considered amply sufficient to feed a pair of cattle for 24 hours. As a siloing or fodder plant in the South it surpasses either corn or sorghum, and in the extreme South is a perennial. The leaves are long and broad, and the stalks full of sweet sap. Per oz. 15 cts., lb. \$1.50, postpaid \$1.60.



## MISCELLANEOUS.

**Sunflower, Mammoth Russian.** This may be grown to great advantage by planting in waste pieces of ground, from early spring to the latter part of July, as it is an excellent and cheap food for fowls. The mammoth sized heads contain an immense quantity of seed, which is of great value to farmers and poultry breeders, and is greedily eaten by fowls, being very healthy and fattening, and will produce a lustrous plumage and strong and excellent condition generally. As an *egg-producing food* it is unsurpassed. Its leaves make very good fodder, and its strong, thick stalks are valuable for fuel. Three quarts of seed will plant an acre.

Qt. 20 cts., postpaid 30 cts., peck 80 cts., bu. \$3.00.

**Wild Rice (*Zizania Aquatica*).** The *Zizania* is valuable as a forage plant on inundated lands and along the shores of marshes. Cattle are fond of it when green and it makes a good hay. As an attraction for wild fowl it is invaluable. In fish ponds and lakes it purifies the water and affords a refuge for the small fry from the large fish and also furnishes them with food from the animalculæ upon its stalks. The seed should be sown in the fall in six inches to six feet of water having a soft mud bottom and where there are but few weeds. Per lb. 30 cts., by mail 40 cts.

**Kaffir Corn.** One of the best things offered of late years for a forage plant. The heads contain small white seeds which make an excellent flour. They are greedily eaten by horses and cattle, and make excellent food for poultry either fed in the grain or ground and cooked.

20 cts. per lb., by mail 30 cts., 10 lbs. \$1.50.

**New Rural Branching Dhoura (*Millo Maize*).** A valuable South American forage plant. It produces a large quantity of foliage, as it branches from the joints, and will thrive even when corn is suffering from drought. It can be cut several times during the season, as it springs up again freely from the roots. If left to ripen its seed it will bear at the rate of 50 bushels per acre. Cultivate same as corn. 20 cts. per lb., 28 cts. postpaid,  $\frac{1}{2}$  bu. \$1.25, bu. \$4.00.

**Flax.** When grown for seed, sow 1 bushel per acre; if fibre is wanted, sow at the rate of 2 to 3 bushels. The soil should be well cultivated. Peck 60 cts., bu. \$2.25.

**Osage Orange (*Maclura aurantiaca*).** Sprout the seed before sowing, then sow in rows, and when one year old transplant, 6 inches apart, alternating the plants in double rows, cutting the plants down to the height of 6 inches. Manure well, and plow deep before planting.

Oz. 10 cts., lb. 50 cts., postpaid 58 cts., bu. of 33 lbs. \$7.00.

**Osage Orange Plants.** Strong, 2 years old. \$1.00 per 100; \$5.00 per 1000.

**Eucalyptus Globulus, Australian Fever Gum Tree.** Extensively planted in the South and California, for destroying malaria. Oz. 50 cts.,  $\frac{1}{4}$  lb. \$1.50, lb. \$5.00.

## BUCKWHEAT.

**Japanese.** A new variety of Buckwheat, which possesses qualities that will render it much sought after. It is enormously prolific, yielding double the weight of other sorts. It makes an excellent flour, equal in quality to the Silver Hull. Lb. 15 cts., postpaid 25 cts., bu. (48 lbs.) \$1.75.

**Silver Hull.** Ripens 10 days to 2 weeks earlier than the common variety, a heavy yielder, and not easily affected by drought. The berry is of a light silvery gray-color, and the flour is whiter and more nutritious than that made from the common sort. Lb. 15 cts., postpaid 25 cts., bu. (48 lbs.) \$1.50.

## OATS.

**The American Beauty.** This variety was tested at the experimental station at Geneva, N. Y., the report being as follows: American Beauty Oats are long and taper-pointed; average height 3 feet 3 inches, straw very erect and stout, leaves often exceeding 16 inches in length; average length of panicle 9 inches; berry large. This variety is destined to become very popular, and is one of the most prolific varieties known. This sort we can confidently recommend as being a reliable new Oat. It is a heavy cropper and does not lodge. The straw is excellent for fodder. Peck 50 cts., bu. \$1.75.

**Clydesdale.** Well-cleaned samples of these Oats will weigh 50 lbs. per bushel, while an ordinarily cleaned lot will weigh 45 lbs. Aside from its extraordinary weight, it ripens ten days earlier than any other. The straw is straight, stiff, of good height, crowned with long, beautiful branching, well-filled heads, twenty to twenty-four inches long, and free from any tendency to lodge.

Peck 50 cts., bu. (32 lbs.) \$1.50.

**Wide Awake.** A remarkably productive variety, yielding 65 to 125 bushels per acre, according to the nature and condition of the soil. The grain is heavy and plump, and has a thin husk. Straw stiff and vigorous, showing no sign of rust. This variety has been thoroughly tested, and proved to be a superior sort, both in quantity and quality.

Peck 50 cts., bu. \$1.50.

**Welcome.** An excellent variety, very productive and heavy; straw stiff; grain plump. Averages 45 lbs. per measured bushel, with good cultivation. One of the very best varieties for ordinary soil. Peck 40 cts., bu. \$1.25.

**American Triumph.** Straw strong and firm, bearing large heads, well filled with plump, heavy grain; destined to be a leading variety. Peck 50 cts., bu. \$1.50.

## SPRING WHEAT.

**Saskatchewan Fife.** This is known as the most desirable variety of spring wheat in cultivation. It is unequalled for productiveness, earliness and vigor, and singularly exempt from smut and other diseases. Its yield will compare favorably with winter wheats, and we have never known of its having failed to give good satisfaction.

Peck 75 cts., bu. \$2.50.

## FIELD PEAS, Etc.

**Southern Black-Eye Cow.** Also known as Sand Pea, a small white variety with black eye. Sow 2 bushels to the acre. Qt. 20 cts., postpaid 35 cts., bu. \$2.50.

**Canada Field Peas.** Valuable for Northern climates for cattle-feeding. Used as feed for pigeons, etc., and for green soiling. Qt. 20 cts., bu. \$1.75.

**Tares, or Spring Vetches.** A good forage plant, also used for plowing under; sow 1 bushel to the acre.

Qt. 20 cts., postpaid 35 cts., bu. \$3.50.

## BIRD SEEDS.

If by mail, postage must be added at the rate of 8 cts., per lb. or 15 cts. per qt.

**Canary.** 15 cts. qt.; \$1.00 per peck; \$3.50 bu.

**Hemp.** 15 cts. qt.; \$1.00 per peck; \$3.50 bu.

**Lettuce.** 10 cts. oz.; 50 cts. lb.

**Maw.** 30 cts. lb.

**Millet.** 15 cts. qt.; 60 cts. per peck; \$2.00 bu.

**Rape.** 30 cts. qt.; \$1.25 per peck; \$4.00 bu.

**Vetches for Pigeons.** 10 cts. lb.; \$1.00 per peck; \$3.50 bush.



# LAWN GRASS SEEDS.



## Dreer's Evergreen Lawn Mixture.

For permanence, for beauty under all circumstances, and for value, we are confident Dreer's Evergreen Lawn Mixture will meet all requirements. Many of the European grasses have been neglected because of their high price, but their value for lawn purposes in this country has been demonstrated so clearly that their use will be rapidly extended. By a judicious use of some of the Fescues and other foreign grasses with the standard lawn grasses of America we are enabled to offer to our customers a mixture which for all good staying qualities is unsurpassed. Modern lawns demand grasses that are able to stand the wear and tear consequent to their use for Lawn Tennis, Croquet, etc.

Many of our native grasses grow luxuriantly during early spring and late fall, but are valueless during the dry midsummer months; special attention has been given in this mixture to incorporate only such varieties as are able to withstand prolonged drought and present at all times a green and healthy sward.

25 cts. per qt., 30 cts. per qt. postpaid, \$5.00 per bushel of 20 lbs.

## ➤ DREER'S FAIRMOUNT PARK MIXTURE ➤

Is a compound of grasses which ripen successively, thereby always presenting a green and cheerful appearance. Lawns sown with one or two grasses turn brown under our hot midsummer sun, and remain in that condition until the cool months of autumn revive them. The mixture we offer has stood the test of years, and our rapidly increasing sales prove conclusively that its merits are becoming widely known by those who recognize the inalienable law of cause and effect, and who realize that, in order to produce permanent results, first quality goods only must be used. In no branch is it more true than in that of seeds. The temptation is strong to include in mixtures the "cheap and impure," but in Dreer's Fairmount Park Lawn Mixture, one grade—and that the highest—is rigidly adhered to. Many of the finest private grounds around Philadelphia are sown with our grasses only. For Railroad Embankments, Terraces, etc., Dreer's Fairmount Park Lawn Mixture is admirably adapted, as it speedily forms a thick turf that will effectually prevent "washing."

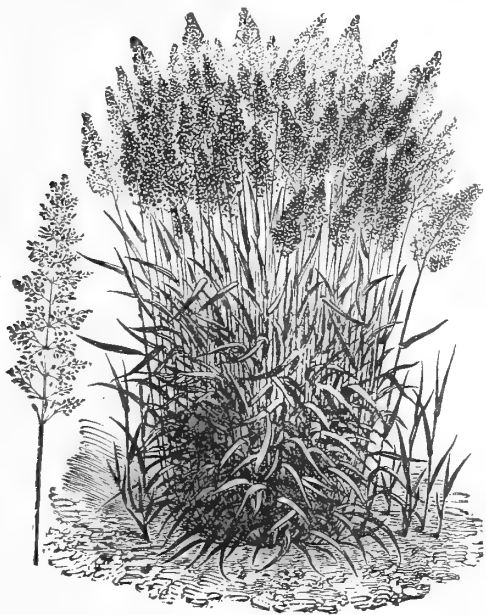
20 cts. per quart, postpaid 25 cts. per quart; \$4.00 per bushel of 20 lbs.

## DREER'S SPECIAL MIXTURE.

Finest mixture of Grass Seeds and Clover for hay and permanent pasture. Adapted to different soils. Sow 3 to 4 bushels per acre. 20 cts. per quart, 25 cts. per quart postpaid, \$3.50 per bushel of 20 lbs.

# GRASS SEEDS FOR LAWN and FIELD

We make a specialty of grass seeds and send out only the most useful varieties which are adapted to this country. All that we offer have been recleaned and will meet the views of the most critical trade. Owing to the varying bulk of grass seeds from season to season (owing to climatic conditions which cannot be controlled), they are always put up by us by weight and not by measure, thereby securing to our customers the amount they pay for, as prices are based on weight and not on bulk.



RED-TOP, OR HERD-GRASS.

**Herd, or Red Top Grass** (*Agrostis Vulgaris*). Valuable either for meadows, pastures or lawns, growing in almost any soil. Bushel (10 lbs.) \$1.00. Per sack of 50 lbs. \$4.00. Recleaned heavy seed (32 lbs. to bushel) 25 cts. per lb., \$6.00 per bushel.

**Fancy Cleaned Kentucky Blue Grass** (*Poa pratensis*). Also known as June Grass. It is one of the most valuable sorts for lawn purposes and as a pasture grass is indispensable. It thrives in dry soils and retains its verdure during the hottest weather. 20 cts. qt., 25 cts. per qt. postpaid, bushel (14 lbs.) \$3.50.

**Natural Green Grass** (*Poa pratensis* variety). A native grass of luxuriant growth; it forms a heavy sward, but does not retain its color as well as Blue Grass. 25 cts. per qt., 30 cts. per qt. postpaid, bushel (14 lbs.) \$4.00.

**Rhode Island Bent** (*Agrostis canina*). A fine, compact grass, readily forming a heavy sward. Useful for lawns. Lb. 25 cts., postpaid, 35 cts.; 10 lbs. \$2.25.

**Wood Meadow Grass** (*Poa Nemoralis*). Particularly adapted for pleasure grounds and lawns; will grow under trees, where few other grasses can exist. Lb. 40 cts., postpaid, 50 cts.; 10 lbs. \$3.50.

**Rough Stalked Meadow Grass** (*Poa trivialis*). Produces an abundant crop of highly nutritious herbage, valuable for either moist or dry soils. 20 lbs. to the acre. Lb. 35 cts., postpaid 45 cts., 10 lbs. \$3.00.

**Sheep's Fescue** (*Festuca Ovina*). This grass forms a large part of the pasturage of the English Downs. It produces a large quantity of short herbage, and should form a part of all mixtures for sheep pastures. Lb. 25 cts., postpaid, 35 cts.; 10 lbs. \$2.25.

**Meadow Fescue** (*Festuca Pratensis*). Thrives in all soils, and is an excellent grass for permanent pasture or hay, the foliage being highly nutritious. Lb. 25 cts., postpaid, 35 cts.; 10 lbs. \$2.25.

**Crested Dogtail** (*Cynosurus cristatus*). An excellent grass for hard, dry soils, valuable for pastures and lawns; 25 lbs. to the acre. Per lb. 40 cts., 10 lbs. \$3.00.

**English Rye Grass, Perennial Rye** (*Lolium Perenne*). A nutritious permanent grass for meadows and pastures, or for mixing with other grasses for lawns. It thrives in almost any soil and yields an early and abundant crop. 20 cts. per qt., 25 cts. per qt. postpaid, bushel (24 lbs.) \$2.00.

**Italian Rye Grass** (*Lolium Italicum*). A valuable European variety, adapted to any climate, and produces large and nutritive crops. Per bushel (18 lbs.) \$1.75.

**Perennial Sweet Vernal** (*Anthoxanthum Odoratum*). Useful to mix with other grasses on account of its early growth and agreeable odor when cut. 60 cts. per lb., 70 cts. per lb. postpaid, 10 lb. lots by express \$5.50.

**Meadow Foxtail** (*Alopecurus Pratensis*). One of the best and earliest of pasture grasses. Thrives best in moist localities, and bears close cropping.

Lb. 40 cts., postpaid, 50 cts.; 10 lbs. \$3.50.

**Orchard Grass** (*Dactylis Glomerata*). One of the most desirable grasses for pastures, sowing under orchards or in shady places. It grows rapidly, thrives in sandy land, and does not suffer from close feeding.

Lb. 20 cts., postpaid, 30 cts. Bushel (14 lbs.) \$2.25.

**Timothy** (*Phleum Pratense*). Considered by many the best of the grasses for feeding to horses. It makes excellent hay and produces heavy crops. Lb. 15 cts., postpaid, 25 cts. Bushel (45 lbs.) about \$2.25 (subject to market changes).

**Tall Meadow Oat Grass** (*Avena Elatior*). A valuable grass for soiling or permanent pasture, of early and luxuriant growth; also makes splendid hay.

Lb. 30 cts., postpaid, 40 cts.; 10 lbs. \$2.50.



TIMOTHY.



ALSIKE CLOVER.

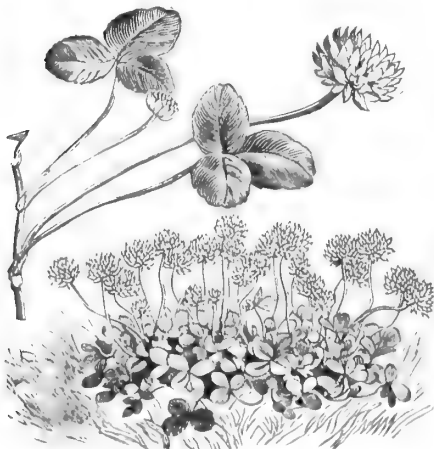
## CLOVER SEEDS.

**Alsike, or Swedish** (*Trifolium Hybridum*). An excellent variety, of luxuriant growth and very sweet, valuable for pasturage or ensilage.

Lb. 25 cts., postpaid, 33 cts.; 10 lbs. \$2.25.

**Alfalfa, or Lucerne** (*Medicago Sativa*). One of the best varieties, succeeding in almost every situation, and bearing heavy crops of forage; will bear cutting three or four times during the season. For bringing up poor land it is the best of the clovers, as it not only produces large masses of foliage but forces its roots down fully three feet into the earth. Sow early in spring to secure a good stand before winter if to be used for pasturage or for curing. Lb. 25 cts., postpaid, 33 cts.; 10 lbs. \$2.25; bushel (60 lbs.), \$10.00.

**Red Clover** (*Trifolium Pratense*). The leading variety of clover for pastures or meadows. The seed we offer is re-cleaned and free from weeds. Lb. 15 cts., postpaid, 23 cts.; bushel (60 lbs.) about \$5.00 (subject to market changes).



WHITE DUTCH CLOVER.

**White Dutch Clover** (*Trifolium Repens*). The best variety for lawns, as it forms a close herbage and remains green throughout the season; it also affords excellent food for bees. We offer highest grade of seed only. Lb. 25 cts., postpaid, 33 cts. 10 lbs. \$2.25, 100 lbs. \$20.00, by express or freight.

**Scarlet, or Crimson Clover** (*Trifolium Incarnatum*). Brilliant scarlet flowered, very productive, and greedily eaten by cattle; remains green longer than the red variety, and is excellent for bee food. Lb. 20 cts., postpaid, 28 cts.; 10 lbs. \$1.75, 100 lbs. \$15.00.

**Sainfoin, Esparsette, or Holy Clover** (*Hedysarum Onobrychis*). A valuable clover for the Middle and Southern States. In some sections it is considered indispensable, as it increases the flow of milk. The seeds are more nutritious than oats, and are readily eaten by fowls. Requires a calcareous soil. 100 lbs. to the acre.

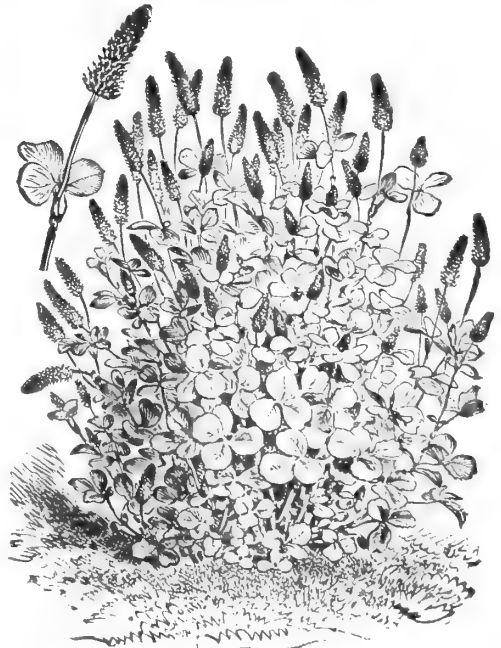
Lb. 20 cts., postpaid, 28 cts.; 10 lbs. \$2.25.

**Bokhara Clover** (*Melilotus Alba*). A rapid growing white-flowered sort, excellent for bee food, for which purpose it should be largely grown.

Lb. 30 cts., postpaid, 38 cts.; 10 lbs. \$2.75.

**Japan Clover** (*Lespedeza Striata*). A low-branching clover that does well in the South. It thrives on poor land and produces continual herbage. Not adapted to Northern latitudes, as it is only half-hardy.

Lb. 40 cts., postpaid, 48 cts.



CRIMSON CLOVER.

## -MILLET.-

**German, or Golden Millet**. Medium early, 4 to 5 feet high, close heads, numerous spikes, seeds round, of a golden yellow color. Weight per bushel 50 lbs.

Qt. 15 cts., postpaid, 28 cts.; bu. \$1.75.

**Hungarian Millet** (*Panicum Germanicum*). Early and productive, growing 2 to 3 feet high, with an abundance of foliage and slender heads. Weight per bushel 48 lbs.

Qt. 15 cts., postpaid, 28 cts.; bu. \$1.50.

**Egyptian, or East India Pearl Millet** (*Penicillaria Spicata*). Grows from 8 to 10 feet high. When cultivated for fodder sow in drills 3 feet apart and thin out in the rows to 1 foot apart; sow 3 to 5 lbs. per acre.

Lb. 25 cts., postpaid, 33 cts.; 10 lbs. \$2.00.

# Vegetable Plants and Roots.

We grow large quantities of vegetable plants and roots, and can supply all the varieties listed below in their proper season.

**Asparagus** (*Conover's Colossal*). 2 year old roots. \$1.00 per 100, \$7.00 per 1,000.  
**Artichokes** (*Jerusalem*). 25 cts. per qt., postpaid 45 cts.  
**Cabbage Plants** (*Cold Frame*). Ready March and April. Henderson's Early Summer, Early Jersey Wakefield, Early Winnigstadt, Flat Brunswick. \$1.00 per 100, \$8.00 per 1,000.  
**Cabbage Plants** (*Hot-Bed*). Same varieties, as above, ready after April 1st. 50 cts. per 100, \$4.00 per 1,000.  
**Cabbage Plants** (*Field Grown*). Ready July 1st. Large Late Drumhead, Large Late Flat Dutch, Perfection Drumhead Savoy, and Red Drumhead. 40 cts. per 100, \$3.00 per 1,000.  
**Cauliflower Plants** (*Cold Frame*). Ready in March and April. Early Erfurt and Snowball. 75 cts. per doz., \$4.00 per 100.  
**Cauliflower Plants** (*Hot-Bed*). 30 cts. per doz., \$1.50 per 100, \$10.00 per 1,000.  
**Celery Plants**. Ready July 1st. Dreer's Large White Solid, Boston Market, Golden Dwarf and White Plume. 50 cts. per 100, \$4.00 per 1,000.  
**Chives**. For flavoring. 25 cts. per clump, \$2.50 per doz.  
**Egg Plants**. Ready in May and June. New York Improved Large Purple. Grown in pots. 75 cts. per doz., \$5.00 per 100.  
**Egg Plants**. Ready in May and June. New York Improved Large Purple. Out of hot-beds. 40 cts. per doz., \$3.00 per 100.

**Hop Vine Roots**. 50 cts. per doz., \$2.50 per 100. By mail 60 cts. per doz.  
**Horse Radish Sets**. 20 cts. per doz., 75 cts. per 100, \$6.00 per 1,000. By mail 30 cts. per doz.  
**Lettuce Plants**. Ready in April and May. Dutch Butter, Hanson. 15 cts. per doz., 50 cts. per 100.  
**Pepper Plants**. Ready in May and June. Large Sweet Bell. 25 cts. per doz., \$1.50 per 100.  
**Rhubarb Roots**. Linnaeus and Victoria. Strong roots 20 cts. each, \$2.00 per doz. Small roots 15 cts. each, \$1.50 per doz., \$10.00 per 100.  
**St. Martin's Rhubarb**. New. 30 cts. each, \$3.00 per doz.  
**Sage** (*Holt's Mammoth*). A large leaved variety that will come into general use. It spreads rapidly, never runs to seed, and when once planted will take care of itself. 15 cts. each, \$1.00 per doz., \$6.00 per 100.  
**Tarragon**. For flavoring; the young leaves are used for pickles, vinegar, etc., imparting a delightful flavor. 35 cts. each, \$3.50 per doz. By mail 30 cts. each.  
**Sweet Potato Plants**. Ready in May and June. We grow large quantities of the following varieties, and are in position to make contracts for large lots.  
**Red Nansemond**. **Yellow Nansemond**. 30 cts. per 100, \$1.50 per 1,000.  
**Tomato Plants**. Ready in May and June. We make a specialty of Tomato plants, and can always supply through the season well-grown plants of the leading varieties. 25 cts. per doz., \$1.50 per 100, \$10.00 per 1,000.

## TABLE SHOWING THE QUANTITY OF SEED USUALLY SOWN UPON AN ACRE.

|                                     | Lbs. per bush. |
|-------------------------------------|----------------|
| Barley, broadcast.....              | 48             |
| Beans, Dwarf, in drills.....        | 2 to 3 bush.   |
| Beans, Pole, in hills.....          | 1½ bush.       |
| Beets, Table, in drills.....        | 10 to 12 qts.  |
| Beets, Mangel-Wurzel.....           | 6 lbs.         |
| Broom Corn, in hills.....           | 5 lbs.         |
| Buckwheat.....                      | 8 to 10 qts.   |
| Cabbage, in beds to transplant..... | 1 bush.        |
| Carrot, in drills.....              | ¼ lb.          |
| Clover, Red.....                    | 3 to 4 lbs.    |
| Clover, White.....                  | 20 lbs.        |
| Clover, Alsike.....                 | 12 to 15 lbs.  |
| Clover, Lucerne or Alfalfa.....     | 10 lbs.        |
| Corn, in hills.....                 | 20 lbs.        |
| Corn, for Fodder.....               | 8 to 10 qts.   |
| Cucumber, in hills.....             | 3 bush.        |
| Flax, broadcast.....                | 2 lbs.         |
| Grass, Kentucky Blue.....           | 1½ bush.       |
| Grass, Orchard.....                 | 3 bush.        |
| Grass, English Rye.....             | 3 bush.        |
| Grass, Red Top.....                 | 3 bush.        |
| Grass, Timothy.....                 | ¾ bush.        |
| Grass, Hungarian.....               | 1 bush.        |
| Grass, Lawn.....                    | 4 bush.        |
| Hemp.....                           | 1½ bush.       |
| Kale.....                           | 5 lbs.         |

|                                           | Lbs. per bush. |
|-------------------------------------------|----------------|
| Melon, Musk, in hills.....                | 2 to 3 lbs.    |
| Melon, Water, in hills.....               | 4 to 5 lbs.    |
| Millet.....                               | 1 bush.        |
| Oats, broadcast.....                      | 2 to 3 bush.   |
| Onion, in drills.....                     | 6 to 8 lbs.    |
| Onion for Sets, in drills.....            | 50 lbs.        |
| Onion Sets, in drills.....                | 6 to 12 bush.  |
| Parsnip, in drills.....                   | 4 to 6 lbs.    |
| Round Peas, in drills.....                | 1½ bush.       |
| Wrinkled Peas, in drills.....             | 1½ bush.       |
| Peas, broadcast.....                      | 3 bush.        |
| Potatoes (cut tubers).....                | 8 bush.        |
| Pumpkin (in hills).....                   | 3 lbs.         |
| Radish, in drills.....                    | 8 to 10 lbs.   |
| Rye, broadcast.....                       | 1½ to 2 bush.  |
| Sage, in drills.....                      | 8 to 10 lbs.   |
| Salsify, in drills.....                   | 8 to 10 lbs.   |
| Spinach, in drills.....                   | 15 lbs.        |
| Squash (bush varieties), in hills.....    | 4 lbs.         |
| Squash (running varieties), in hills..... | 3 lbs.         |
| Sugar Cane.....                           | 12 lbs.        |
| Tomato, to transplant.....                | ¼ lb.          |
| Turnip, in drills.....                    | 2 lbs.         |
| Turnip, broadcast.....                    | 2 lbs.         |
| Vetches, broadcast.....                   | 2 to 3 bush.   |
| Wheat, broadcast.....                     | 1½ to 2 bush.  |

## QUANTITY OF SEEDS REQUIRED FOR A SPECIFIED LENGTH OF DRILL.

|                         |                             |
|-------------------------|-----------------------------|
| Asparagus.....          | 1 oz. for 60 ft. of drill.  |
| Beet.....               | 1 oz. for 50 ft. of drill.  |
| Beans, Dwarf.....       | 1 qt. for 100 ft. of drill. |
| Beans, Pole.....        | 1 qt. for 150 hills.        |
| Carrot.....             | 1 oz. for 150 ft. of drill. |
| Cucumber.....           | 1 oz. for 50 hills.         |
| Corn.....               | 1 qt. for 200 hills.        |
| Dandelion.....          | 1 oz. for 200 ft. of drill. |
| Endive.....             | 1 oz. for 150 ft. of drill. |
| Leek.....               | 1 oz. for 100 ft. of drill. |
| Melon, Water.....       | 1 oz. for 30 hills.         |
| Melon, Musk.....        | 1 oz. for 50 hills.         |
| Okra.....               | 1 qt. for 40 ft. of drill.  |
| Onion.....              | 1 oz. for 100 ft. of drill. |
| Onion, Sets, small..... | 1 qt. for 40 ft. of drill.  |
| Parsley.....            | 1 oz. for 125 ft. of drill. |

|                     |                             |
|---------------------|-----------------------------|
| Parsnip.....        | 1 oz. for 150 ft. of drill. |
| Peas.....           | 1 qt. for 100 ft. of drill. |
| Pumpkin.....        | 1 oz. for 40 hills.         |
| Radish.....         | 1 oz. for 75 ft. of drill.  |
| Salsify.....        | 1 oz. for 70 ft. of drill.  |
| Spinach.....        | 1 oz. for 75 ft. of drill.  |
| Squash, Early.....  | 1 oz. for 50 hills.         |
| Squash, Marrow..... | 1 oz. for 20 hills.         |
| Turnip.....         | 1 oz. for 150 ft. of drill. |
| Cabbage.....        | 1 oz. for 2000 plants.      |
| Cauliflower.....    | 1 oz. for 2000 plants.      |
| Celery.....         | 1 oz. for 3000 plants.      |
| Egg-Plant.....      | 1 oz. for 1000 plants.      |
| Lettuce.....        | 1 oz. for 3000 plants.      |
| Pepper.....         | 1 oz. for 1000 plants.      |
| Tomato.....         | 1 oz. for 1500 plants.      |



# ❖ DREER'S ❖ Reliable ❖ Flower ❖ Seeds.

Our List has again been carefully revised and all inferior varieties discarded. For the convenience of our customers and to facilitate the filling of orders, we use a system of numbering. In ordering it is only necessary to give the number of packets wanted and the corresponding number in the Catalogue, viz.:—1 Pkt. 5010, 25 ; 3 Pkts. 5031, 15 ; means one packet Abutilon, mixed, 25 cts. ; 3 packets Adonis Aestivalis, 15 cts.

Writing the name as well as giving the number is superfluous and is in no way an aid in filling orders. Please use the Order Sheet. It is desirable that customers should keep a copy of their orders, as we frequently receive complaints of errors, whereas reference to the order shows correct filling.

## INDUCEMENTS TO CASH BUYERS.

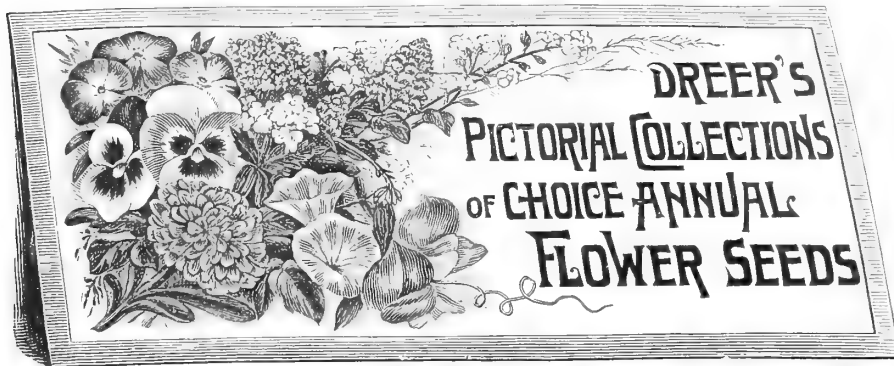
We offer the following liberal inducements to purchasers of Flower Seeds when cash accompanies the order.

|                                                   |        |                                                    |         |
|---------------------------------------------------|--------|----------------------------------------------------|---------|
| For \$1.00, Select Flower Seeds to amount of..... | \$1.20 | For \$ 4.00, Select Flower Seeds to amount of..... | \$ 5.00 |
| For \$2.00, " " " " .....                         | 2.40   | For 5.00, " " " " .....                            | 6.25    |
| For \$3.00, " " " " .....                         | 3.75   | For 10.00, " " " " .....                           | 13.00   |

## Dreer's Pictorial Collections of Annual Flower Seeds.

These very attractive collections are composed of the best known and most popular annual flower seeds, that will produce in succession a fine display of flowers during the summer months. The packets are beautifully illustrated with a chromo-lithographed portrait of the flower as true to nature as it can be made.

Cultural directions in English, German and French accompany each packet.



### COLLECTIONS.

|                                                                    |        |
|--------------------------------------------------------------------|--------|
| No. 1.-12 Choice Ann'ls,                                           | .50    |
| " 2.-18 " " "                                                      | .75    |
| " 3.-24 " " "                                                      | \$1.00 |
| " 4.-30 " " "                                                      | 1.25   |
| " 5.-6 Species of choice<br>Asters, one pack-<br>et of each mixed, | .50    |
| " 6.-12 Asters, do.                                                | \$1.00 |

### ABRONIA.

Pretty trailing plants, producing clusters of sweet scented, Verbena-like flowers, especially fragrant towards evening, lasting in bloom a long time; effective in beds, rock-work, or hanging-baskets; peel off the husk before sowing the seed. Half-hardy annuals; height, 12 inches.

|                               |                                            |
|-------------------------------|--------------------------------------------|
| 5003 <b>Abronia Arenaria.</b> | PER PKT.<br>A beautiful yellow variety. 10 |
| 5006 — <b>Umbellata.</b>      | Rosy lilac, with a white eye. .... 5       |

### ABUTILON.

(Chinese Bell-Flower.)

Greenhouse shrubs of strong growth and easy cultivation, free-flowering, with various-colored, beautiful drooping bell-shaped flowers. Sown any time before April, in a temperature of 60 degrees, they will produce fine flowering plants the first season. 5010 **Abutilon, Fine Mixed.** Of choice varieties and colors; 2 to 4 feet. .... 25

### ACANTHUS.

A stately and beautiful ornamental plant. From the leaf of "Acanthus Mollis," the capital of the Corinthian column is derived. Grows freely in any rich, loamy soil. 5015 **Acanthus, Mixed.** Hardy perennials; height 3 feet. .... 10

### ACACIA.

Elegant greenhouse shrubs, having fine ornamental foliage, and beautiful racemes of various shades of yellow globular flowers. Soak the seed in warm water before sowing. 5013 **Acacia, Mixed.** Fine varieties; 6 to 10 feet. .... 10

### ACHIMENES.

Elegant and free-flowering tuberous-rooted greenhouse plants, combining great beauty with richness and brilliancy of color.

|                   |                                              |
|-------------------|----------------------------------------------|
| <b>Achimenes.</b> | PER PKT.<br>Choice varieties, mixed. .... 50 |
|-------------------|----------------------------------------------|

### ACHILLEA.

A very free-blooming plant, of branching habit. Useful for cut-flowers or for planting in cemeteries. Hardy perennial; 18 inches.

|                                      |                                    |
|--------------------------------------|------------------------------------|
| 5019 <b>Achillea Ptarmica Plena.</b> | Pure white double flowers. .... 15 |
|--------------------------------------|------------------------------------|

### ACONITUM.

(Monk's Hood, or Wolfsbane.)

A hardy perennial, growing in any good garden soil, producing curiously shaped flowers in abundance.

|                                |                                                    |
|--------------------------------|----------------------------------------------------|
| 5017 <b>Aconitum Napellus.</b> | Very pretty blue and white flowers; 3 feet. .... 5 |
|--------------------------------|----------------------------------------------------|

### ACROCLINIUM.

(See Everlastings.)

### ADLUMIA.

(Mountain Fringe, or Allegheny Vine.)

An attractive and beautiful plant, flowering the first season, of graceful habit and pale green feathery foliage.

|                               |                                                                         |
|-------------------------------|-------------------------------------------------------------------------|
| 5033 <b>Adlumia Cirrhosa.</b> | Clusters of small rosy-lilac flowers; hardy biennials; 15 feet. .... 10 |
|-------------------------------|-------------------------------------------------------------------------|

**ADONIS.**

(Flos Adonis).

Also known as Pheasant's Eye. Showy hardy annuals of easy culture, with pretty fine-cut foliage, and lasting a long time in bloom.

- 5031 **Adonis Æstivalis.** Dark crimson flowers, with a lighter centre; 1 foot..... 5

**AGATHEA.**

(Marguerite.)

Very pretty free-blooming plant, bearing Cineraria-like flowers. Hardy annual; 2 feet.

- 5037 **Agatheæ Cœlestis** (*Blue Marguerite*). Celestial blue.....10

**AMARYLLIS.**

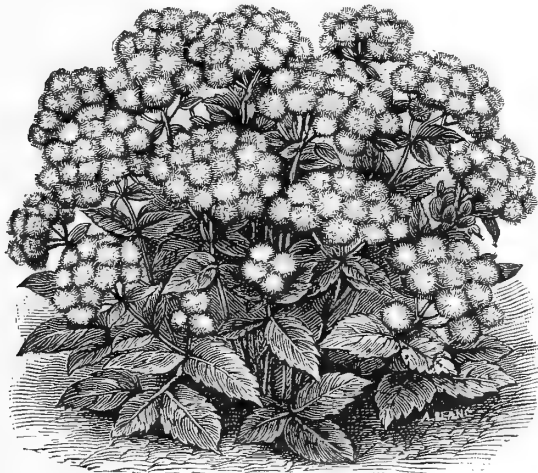
Bulbous-rooted plants, producing from 2 to 4 of the richest-colored crimson, scarlet, and white-striped, lily-like flowers.

- 5110 **Amaryllis Hybrida, Mixed.** 1½ feet.....25

**AGERATUM.**

Valuable plants for large beds or borders, and very useful where cut-flowers are in demand; in bloom the whole summer; also good for winter blooming, of easy culture, succeeding in any soil; half-hardy annuals.

- 5045 **Ageratum Conspicuum.** White; 2 feet..... 5  
5041 — **Mexicanum.** Blue; 2 feet..... 5  
5042 — **Imperialis.** Dwarf, blue; 8 inches..... 5  
5043 — **Imperialis.** Dwarf, white; 8 inches..... 5  
5044 — **Lasseauxi.** Rose; 15 inches..... 5  
5046 — **Cope's Pet.** Lovely azure-blue; 8 inches.....10



AGERATUM, COPE'S PET

**AGROSTEMMA.**

(Rose of Heaven.)

An attractive free-flowering hardy perennial of easy culture, producing flowers on long slender stems like a single pink; blooms the first season. Fine for cutting, 1 to 2 feet.

- 5050 **Agrostemma, Mixed Varieties**..... 5

**ALLAMANDA.**

Stove evergreen climbers, bearing profusely, splendid large flowers in clusters; winter and spring blooming.

- 5063 **Allamanda Schottii.** Golden yellow.....25

**ALONSOA.**

(Mask Flower.)

Handsome brilliant-colored free-flowering plants, blooming until killed by frost; thriving in any good garden soil, half-hardy annuals.

- 5065 **Alonsoa Grandiflora.** Large-flowering, mixed; 2 feet..... 5



ALYSSUM, LITTLE GEM.

**Alyssum.**

Free-flowering, pretty little plants for beds, edgings or rock-work, or winter blooming; the annual variety blooms all summer.

- 5082 **Sweet Alyssum** (*A. Maritimum*). Flowers in white clusters; 6 inches. Per oz., 40 cts..... 5  
5083 **Alyssum Benthami Compactum** (*Tom Thumb*). Of true dwarf compact growth; excellent for rock-work; white..... 10  
5087 — **Little Gem.** Of dwarf, compact habit, 3 to 5 inches in height, each plant covering a circle 15 to 30 inches in diameter. It begins to bloom when quite small, and the plants are a solid mass of white from spring till late in autumn. Per oz. \$1.00.....10  
5084 — **Saxatile Compactum.** Showy golden-yellow flowers; hardy perennial, blooms the first season; 1 foot..... 5

**AMARANTHUS.**

Showy blooming plants, with long racemes of curious-looking flowers, and brilliant foliage; half-hardy annuals.

- 5092 **Amaranthus Cruentus** (*Prince's Feather*). Erect-flowering, bright scarlet..... 5  
5091 — **Caudatus** (*Love Lies Bleeding*). Blood-red, drooping; 3 feet..... 5  
5094 — **Gordonii, or Sunrise.** Bronzy crimson foliage, shading off to brilliant scarlet tufts of leaves on top of the stalk, the lower leaves having a scarlet band through the centre; 3 feet..... 10  
5095 — **Henderi.** Of graceful pyramidal growth and long-drooping leaves, of brown, madder, and bronze; 4 feet..... 10  
5096 — **Melancholicus Ruber.** Dwarf, compact habit, blood-red foliage; 2 feet..... 5  
5097 — **Salicifolius** (*Fountain Plant*). Of pyramidal, drooping habit, branching close to the ground..... 5  
5098 — **Tricolor** (*Joseph's Coat*). Leaves red, yellow, and green; 3 feet. Per oz., 30 cts..... 5  
5098 — **Tricolor splendens.** An improvement on the old Joseph's Coat, of more brilliant coloring; a very beautiful ornamental plant..... 10

**AMPELOPSIS.**

(Miniature Virginia Creeper, or Japanese Ivy.)

A hardy perennial species of Woodbine from Japan, with olive-green leaves, which turn to scarlet in the autumn. Will adhere to brick or stone walls.

- 5101 **Ampelopsis Veitchi.** Per oz., 40 cts.....10

**ANAGALLIS.**

(Pimpernelle.)

Dwarf, compact plants; adapted for baskets, rock-work, edgings, and small beds; succeed best in a light, rich soil, in a sunny situation; covered with various shades of flowers the whole summer; half-hardy annuals; 6 inches.

PER PKT.

5120 *Anagallis*, Mixed..... 5**ANCHUSA.**

A splendid bouquet flower, of long duration, and producing azure-blue forget-me-not-like flowers; hardy perennial; if sown early, blooms the first season, growing freely in shaded situations; 2 feet.

5123 *Anchusa Augustifolia*. Azure blue..... 10**ANEMONE.**

(Windflower.)

A very pleasing hardy perennial; easily grown from seed, producing large flowers, early in the spring, when few plants can compare with them in beauty and brilliancy; fine for bouquets; 1 foot.

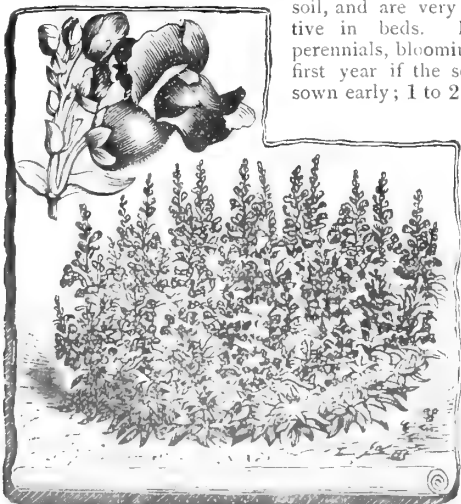
5130 *Anemone Coronaria*, Mixed Colors..... 105125 — *Fulgens*. Scarlet..... 205126 — *The Bride*. Pure white..... 20**ANGELONIA.**

A beautiful greenhouse shrubby plant; spikes of dark purplish-brown flowers, with a white eye. If sown early will flower the first season, and can be treated as a tender annual. Famous for its fragrance.

5132 *Angelonia Atropurpurea*..... 15**ANTIRRHINUM.**

(Snap-Dragon.)

One of our most showy and useful border plants. The more recently improved varieties of this valuable genus are large, finely-shaped flowers of the most brilliant colors, with beautifully-marked throats; they succeed in any good garden soil, and are very effective in beds. Hardy perennials, blooming the first year if the seed is sown early; 1 to 2 feet.



ANTIRRHINUM, TOM THUMB.

5136 *Antirrhinum Fire Fly*. Orange and scarlet, with white throat..... 55137 — *Picturatum*. Striped and blotched; all colors mixed..... 105138 — *Tom Thumb, Yellow*..... 105140 — *Tom Thumb, Mixed*. Finest dwarf. Oz. 60 cts..... 55141 — *Tall, Mixed*. Oz. .... 55129 — *Imported Collections*, 10 Dwarf varieties..... 50

5139 — “ “ 10 Tall “ ..... 50

**ASPHODELUS.**

Very pretty hardy perennials, bearing attractive flowers of stately habit; 2 feet.

5168 *Asphodelus*, Mixed. Yellow and white..... 10

AQUILEGIA CHRYSANTHA ALBA.

**AQUILEGIA.**

(Columbine.)

This plant blooms freely early in the spring and summer and produces beautiful, curiously-formed and variously-colored flowers; hardy perennials.

PER PKT.

5143 *Aquilegia Chrysantha* (*Golden-Spurred*). Bright golden-yellow flowers; 3 feet..... 105146 — *Chrysantha Alba* (*White-Spurred Columbine*). A beautiful new pure white variety..... 205144 — *Coeur-de-lion*. Violet-blue, inner petals pure white; 2 feet..... 105151 — *Glandulosa*. Inner petals pure white, outer a lovely shade of light blue; 2 feet..... 155145 — *Olympica*. Flowers rich blue, with a white-edged lip; 2 feet..... 105152 — *Skinneri*. Bright scarlet and yellow; 18 in..... 105160 — *Single*, all colors mixed; 2 feet. Per oz., 30 cts. 55150 — *Double*, “ “ “ 18 inches. Oz., 40 cts. 5**ANTHEMIS.**5133 *Anthemis Arabica*. A free flowering Chamomile, in bloom the entire season. Golden yellow; 18 inches..... 5**ARMERIA.**

A very pretty edging plant, bearing large tufts of rosy-pink flowers; hardy perennial.

5164 *Armeria Elegans*. (*Thrift*)..... 10**ARISTOLOCHIA.**5163 *Aristolochia Sipho* (*Dutchman's Pipe*). A rapid-growing climber; large heart-shaped foliage, and very curious flowers, resembling a pipe; hardy perennial; 30 feet. Brownish-purple..... 105162 — *Elegans*. One of the best of this class of climbing plants. Of a rich dark purple color, ornamented throughout with irregular branched markings of a creamy white, and having a golden yellow eye surrounded by rich velvety purple. Its blossoms are produced in the open ground in the greatest profusion, even on small plants, and are entirely free from any objectionable odor..... 20



TRUFFAUT'S PERFECTION.



IMPROVED VICTORIA.

## DREER'S SUPERB ASTERS.

Of the general beauty of these flowers it is unnecessary to speak; the immense world-wide demand for them shows their adaptability for any climate; and coming into blossom, as they do, when most other flowers are fading away, enhances their value. The ground for the cultivation of Asters cannot be too richly prepared, and the plants should never be allowed to receive a check, but should continue to grow on uninterruptedly to produce fine flowers. Half-hardy annuals.

### TRUFFAUT'S PERFECTION ASTERS.

#### Improved Pæony-Flowered.

One of the most perfect; very double, large, and finely shaped, the petals beautifully incurved. 1½ ft.

|                                        | PER PKT. |
|----------------------------------------|----------|
| 5194 Pink.....                         | 10       |
| 5214 Glowing Crimson.....              | 10       |
| 5231 Purple Violet.....                | 10       |
| 5197 Light Blue.....                   | 10       |
| 5193 Pure White.....                   | 10       |
| 5190 Finest Mixed. Per oz. \$2.50..... | 10       |

### IMPROVED VICTORIA ASTERS.

A magnificent strain. The flowers are large, beautifully imbricated and perfect in form. 1½ ft.

|                                        |    |
|----------------------------------------|----|
| 5204 Pink.....                         | 15 |
| 5207 Scarlet.....                      | 15 |
| 5208 Purple.....                       | 15 |
| 5203 White.....                        | 15 |
| 5205 Finest Mixed. Per oz. \$2.50..... | 15 |

### COMET ASTERS.

A very beautiful and distinct class, with long curled and twisted petals formed into a loose yet dense half-globe, resembling the Japanese Chrysanthemum.

|                                |    |
|--------------------------------|----|
| 5172 Pink, Margined White..... | 15 |
| 5201 Deep Pink.....            | 15 |
| 5202 Light Blue.....           | 15 |

### DWARF CHRYSANTHEMUM- FLOWERED ASTERS.

The largest flowering of the dwarf asters; comes into bloom later than all other varieties; and produces a succession of grand flowers for a great length of time.

|                         |    |
|-------------------------|----|
| 5182 Fiery Scarlet..... | 10 |
| 5175 Snow White.....    | 10 |
| 5174 Finest Mixed.....  | 10 |

### DWARF PÆONY PERFECTION ASTERS.

The elegant Pæony-formed flowers of this variety are faultless in shape. Admirable for the garden or pot culture; 9 inches.

|                             | PER PKT. |
|-----------------------------|----------|
| 5192 Brilliant Scarlet..... | 10       |
| 5206 Crimson Ball.....      | 10       |

### JEWEL, OR BALL-SHAPED ASTER.

A new and beautiful class of Asters, obtained from the well-known Pæony Perfection race; similar but somewhat dwarfer in habit than the latter, and with shorter petals; perfectly round flowers; 20 inches.

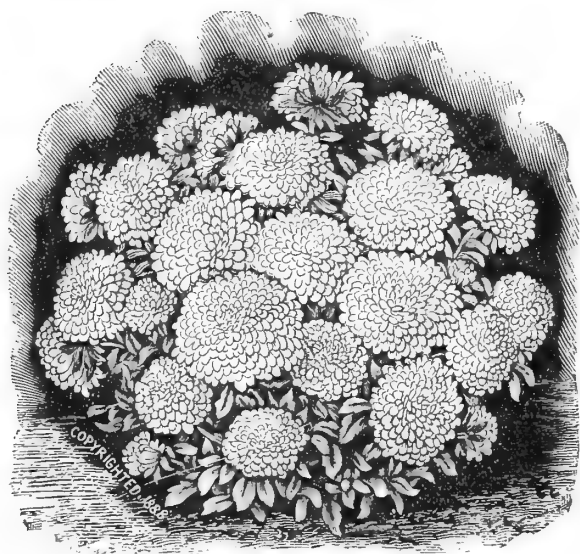
|                         |    |
|-------------------------|----|
| 5212 Apple Blossom..... | 15 |
| 5213 Deep Pink.....     | 15 |



COMET ASTER.



# ASTERS—Continued.



QUEEN ASTER.

## NEW QUEEN ASTER.

A beautiful new class of large-flowering Asters of dwarf habit; bearing profusely full double imbricated flowers of great beauty.

|                        |             |
|------------------------|-------------|
| 5184 White.....        | PER PKT. 10 |
| 5178 Mixed Colors..... | 10          |

## QUILLED ASTERS.

Perfectly double tube or quill-shaped flowers; valuable for bouquets and other purposes; 2 feet.

|                          |   |
|--------------------------|---|
| 5198 — White.....        | 5 |
| 5200 — Mixed Colors..... | 5 |

## 5176—TRIUMPH ASTER.

Flowers of faultless Pæony-form, all petals being beautifully incurved. The color is peculiarly rich and brilliant; when beginning to bloom it is a pure scarlet, but when in full bloom it changes to a magnificent satiny deep scarlet, presenting with these two brilliant colors a lovely sight. Each plant bears from 30 to 40 flowers of exquisite beauty.....15



CHRYSANTHEMUM-FLOWERED ASTER.

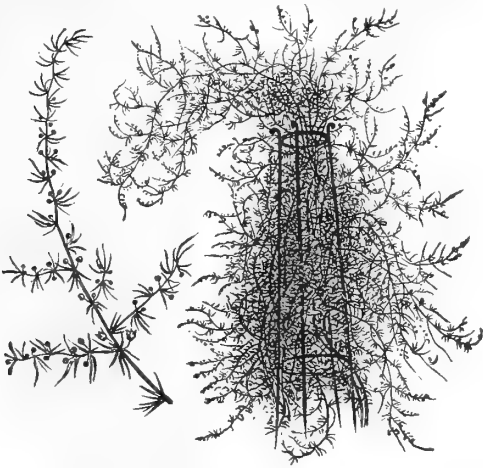


TRIUMPH ASTER.

|                                                                                                                                                                                                                                                                                  |             |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| 5173 Aster, Cocardeau, or Crown. Showy flowers, very double, with white centres, bordered with bright rich colors; 1½ ft.....                                                                                                                                                    | PER PKT. 10 |
| 5171 Aster, Dwarf Pyramidal Bouquet. The plants, when well grown, form a complete bouquet of flowers, splendid colors, mixed; 1 ft.....                                                                                                                                          | 10          |
| 5177 Aster, Giant Emperor. Flowers of great size, very double, fine form, brilliant colors, and robust growth, mixed colors; 2 ft.....                                                                                                                                           | 15          |
| 5186 Aster Mignon. Pure White. This beautiful variety is one of the finest for cutting; it resembles the Victoria in form and habit, but somewhat smaller and more free-flowering. Per oz., \$5.00.....                                                                          | 10          |
| 5185 — Mont Blanc (Goliath). One of the largest flowering; producing pure white flowers 5 inches in diameter; extra double; 2 feet.....                                                                                                                                          | 15          |
| 5187 — Needle Perfection. Petals long, quilled and sharply pointed; mixed.....                                                                                                                                                                                                   | 10          |
| 5195 — Rose Flowered. Pyramidal, robust habit, regularly imbricated; variously colored, large, very double brilliant flowers; 2 feet.....                                                                                                                                        | 10          |
| 5211 — Snowball or White Princess. This is the first variety of an entirely new class which from the build of its flowers is as beautiful as it is distinct. They are composed of short, very thickly set imbricated petals, half globular in form, and of the purest white..... | 15          |
| 5180 — Washington. This splendid variety is the largest Aster grown; bearing flowers four to five inches in diameter; very double, showy and beautiful; mixed colors.....                                                                                                        | 10          |
| 5210 — Choice German, Mixed. Per oz. \$1.00.....                                                                                                                                                                                                                                 | 10          |
| 5220 — Fine Mixed China. All colors. Per oz., 60 cts.....                                                                                                                                                                                                                        | 5           |
| 5230 — Perennial, Mixed. Hardy herbaceous plants, thriving in any good garden soil. Saved from a splendid collection of single varieties; if sown early in the spring they will flower the first season.....                                                                     | 10          |

## IMPORTED COLLECTIONS OF ASTERS.

|                                                     |        |
|-----------------------------------------------------|--------|
| 5179 Finest Quilled, 18 varieties.....              | \$1.00 |
| 5189 “ “ 10 “.....                                  | 60     |
| 5199 Truffaut's Pæony Perfection, 12 varieties..... | 1.00   |
| 5209 Victoria, 12 varieties.....                    | 1.00   |
| 5219 Boltze's Dwarf Bouquet, 6 varieties.....       | 50     |
| 5229 Giant Emperor, 6 varieties.....                | 60     |
| 5239 Large Rose Flowered, 6 varieties.....          | 50     |
| 5249 Cocardeau, or Crown, 6 varieties.....          | 50     |
| 5259 Goliath, 6 varieties.....                      | 50     |



ASPARAGUS VERTICILLATUS.

**ASPARAGUS VERTICILLATUS.**

- 5169 A graceful hardy perennial climber with feathery foliage and scarlet berries. . . . . 10

**ASPERULA.**

A hardy dwarf annual, profuse bloomer, with clusters of small, sweet-scented flowers, lasting a long while in bloom, fine for bouquets; 1 foot.

- 5165 **Asperula Azurea Setosa.** Beautiful light blue. 5  
 5166 — **Odorata.** (*Sweet Woodruff*.) Chief ingredient in the "Maitrank," or May wine of the Germans. The dried flowers and leaves have a delicious perfume, and impart an agreeable perfume to clothes, etc., when kept among them. . . . . 10

**AURICULA.**

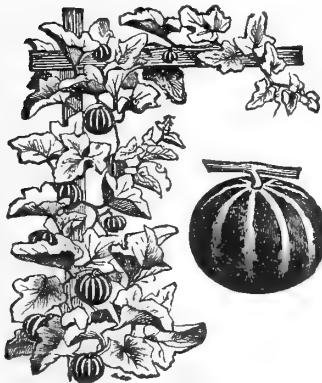
A well-known favorite of great beauty; seed saved from splendid choice varieties; half-hardy perennial; 6 inches.

- 5240 **Auricula, Mixed.** . . . . 25

**AZALEA.**

Beautiful shrubby plants, covered with a mass of bloom, growing best in a mixture of rich, fibrous peat and sand; saved from a collection of showy, various-colored flowers; 3 feet.

- 5250 **Azalea Indica, Mixed.** . . . . 25  
 5251 — **Pontica.** A beautiful hardy perennial shrub. Choice mixed varieties; 4 feet. . . . . 10



BRYONOPSIS.

**BRYONOPSIS.**

A beautiful plant of the gourd species, with ivy-like pale green foliage and showy scarlet fruit, striped with white; half-hardy annual; 10 feet.

- 5318 **Bryonopsis Laciniosa.** . . . . 5

**BROWALLIA.**

One of our favorite profuse-blooming bedding plants, covered with rich, beautiful winged flowers, during the summer and autumn months, growing freely in any rich soil; blooms finely in the winter if sown in August; half-

hardy annual; 18 inches.

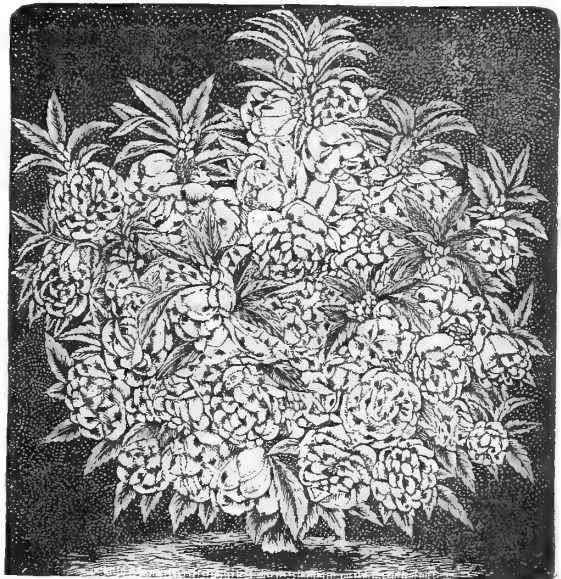
- 5323 **Browallia Elata Coerulea.** Large sky-blue flowers with a white centre. . . . . 5  
 5324 — **Elata Nana.** Dwarf sky-blue. . . . . 10  
 5330 — **Mixed.** All the Elata varieties . . . . . 5

**Balsam.**

(Lady's Slipper.)

An old and favorite garden flower, producing its gorgeous masses of beautiful, brilliant-colored double flowers in the greatest profusion; of easy culture; succeeds in a good, rich soil; tender annuals; 2 feet.

- |                                                                                |                    |
|--------------------------------------------------------------------------------|--------------------|
|                                                                                | PER PKT.           |
| 5254 <b>Balsam, Double Scarlet (King).</b>                                     | 10                 |
| 5263 " " <b>Pink (Maiden's Blush).</b>                                         | 10                 |
| 5256 " " <b>Solferino.</b> Striped and spotted.                                | 10                 |
| 5257 <b>Balsam, Double White.</b> Per oz.                                      | \$1.00. . . . . 10 |
| 5258 " " <b>Perfection.</b> Very double, immense, solid round flowers. Per oz. | \$1.50. . . . . 20 |
| 5260 <b>Balsam, Double Camellia Flowered.</b> Finest mixed. Per oz.            | \$1.00. . . . . 10 |
| 5270 <b>Balsam, Double Mixed.</b> Occasionally semi-double. Per oz.            | 50 cts. . . . . 5  |
| 5289 <b>Balsam, Double. Collection of 6 colors.</b>                            | . . . . . 50       |
| 5279 <b>Balsam, Double. Collection of 12 colors.</b>                           | \$1.00             |



DOUBLE CAMELLIA-FLOWERED BALSAM.

**BALSAM APPLE.**

(See Momordica.)

**BALLOON VINE.**

A rapid-growing plant; succeeds best in light soil and warm situation; flowers white; half hardy annual; 5 feet.

- 5272 **Balloon Vine (Cardiospermum).** Per oz. 20 cts. . . . . 5

**BAPTISIA.**

A beautiful hardy perennial herbaceous plant, producing pea-shaped flowers on spikes 6 inches long.

- 5274 **Baptisia, Australis.** Bright blue; 2½ feet. . . . . 10

**BARTONIA.**

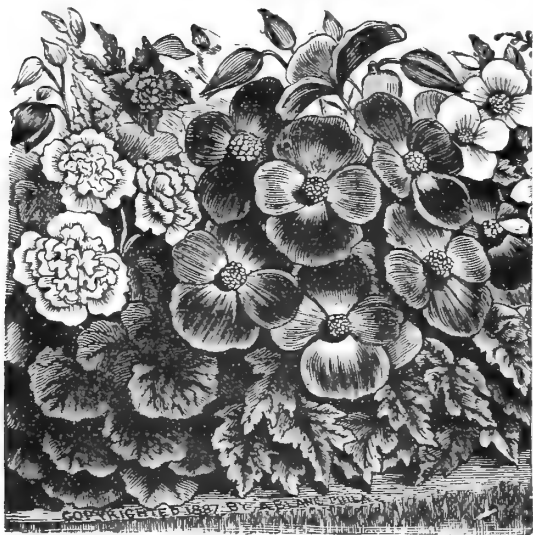
Producing showy flowers, above its gray and downy thistle-like foliage, which are exceedingly brilliant in the sunshine. Sow where it is to remain, as it does not bear transplanting well; hardy annual; 2 feet.

- 5275 **Bartonia Aurea.** Large golden yellow. . . . . 5

**BEANS.**

Very rapid climbers; flowering profusely and admirably adapted for covering screens, etc.

- 5292 **Scarlet Runner.** Fiery scarlet. . . . . 5  
 5293 **White** " Pure white. . . . . 5



## Begonia.

Plants of great value for summer decoration or window gardening. To secure the best results they should be planted as soon as the ground becomes warm. They are covered the whole summer with bright and elegant drooping flowers; blooming the first season from seed, if sown in February or March, in a temperature of 60 degrees; for winter and spring blooming sow from August to October. Tubers must be kept from frost in dry sand.

- |                                                                                                                                                         | PER PKT. |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| 5290 <b>Begonia, Tuberous Rooted.</b> Finest Mixed Single.....                                                                                          | 25       |
| 5276 <b>Begonia, Tuberous Rooted.</b> International Prize. A choice selection, saved from the choicest English, French and German single varieties..... | 50       |
| 5280 <b>Begonia, Tuberous Rooted.</b> Finest Double Mixed.....                                                                                          | 50       |
| 5281 <b>Begonia, Collection of 6 varieties</b> single tuberous rooted.....                                                                              | \$1.00   |
| 5300 <b>Begonia Rex Hybrida, Mixed.</b> Beautiful varieties of the Rex class, with handsome variegated foliage; choice mixed; 6 inches.....             | 25       |
| 5282 <b>Begonia Roezli.</b> Seeds sown in April make strong plants by September; the flowers appear in October, resembling an open Peony.....           | 25       |

## BEET.

The ornamental-leaved Chilian Beets are among the most useful of the decorative foliage plants. For planting in ribbon-beds or in groups they are very effective.

- |                                                                |
|----------------------------------------------------------------|
| 5288 <b>Red Chilian.</b> Brilliant red foliage. Oz. 20 cts. 10 |
| 5287 <b>Yellow "</b> Golden yellow. Per oz., 20 cts. 10        |

## BIDENS.

(*Dahlia Zimapani*.)

A free-flowering tender annual having beautiful foliage and bearing fine and attractive flowers. The roots can be preserved like Dahlias; 1 foot.

- |                                                                      |    |
|----------------------------------------------------------------------|----|
| 5303 <b>Bidens Atrosanguinea.</b> Rich dark crimson and yellow. .... | 10 |
|----------------------------------------------------------------------|----|

## BOCCONIA.

Effective plant, for single specimens or groups on lawn. Foliage glaucous green, bears freely spikes 2 to 3 feet long, of cream-colored flowers; hardy perennial; 5 feet.

- |                                     |    |
|-------------------------------------|----|
| 5305 <b>Bocconia Japonica</b> ..... | 10 |
|-------------------------------------|----|

## BOUVARDIA.

Excellent plants for house, greenhouse or garden.

- |                                    |    |
|------------------------------------|----|
| 5306 <b>Bouvardia, Mixed</b> ..... | 20 |
|------------------------------------|----|



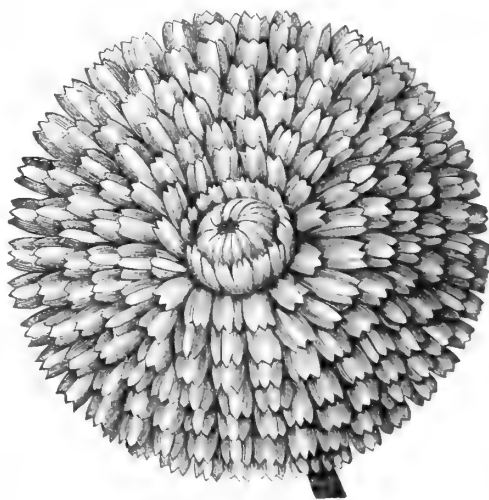
BRACHYCOME.

## BRACHYCOME.

(*Swan River Daisy*.)

Free-flowering, dwarf-growing plants, covered during the greater part of the summer with a profusion of pretty Cineraria-like flowers; suitable for edgings and small beds, or pot-culture; half-hardy annual.

- |                                                                    | PER PKT. |
|--------------------------------------------------------------------|----------|
| 5307 <b>Brachycome, Mixed.</b> Light blue and white; 6 inches..... | 5        |

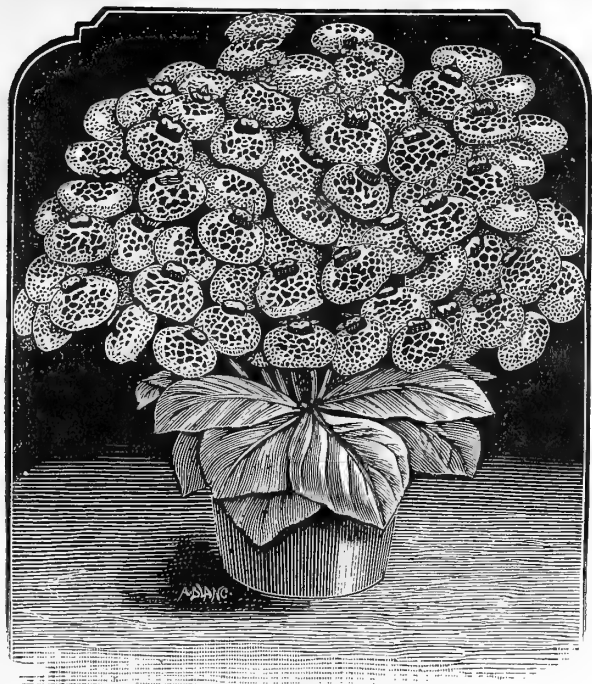


CALENDULA METEOR.

## CALENDULA.

Showy, free-flowering hardy annuals, growing in any good garden soil, producing a fine effect in beds or mixed borders, and continuing in bloom until killed by frost; 1 foot.

- |                                                                                           |    |
|-------------------------------------------------------------------------------------------|----|
| 5345 <b>Calendula Meteor.</b> Large double yellow, striped with orange. Oz., 30 cts. .... | 5  |
| 5348 — <b>Prince of Orange.</b> Resembles Meteor, but is much darker. Oz. 40 cts.....     | 5  |
| 5343 — <b>Pongei Flore Pleno.</b> Showy, double white flowers.....                        | 5  |
| 5346 — <b>Orange King.</b> New, very large double flowers of a dark orange red.....       | 10 |
| 5347 — <b>Pure Gold.</b> Large flowers of a pure golden yellow.....                       | 10 |



CALCEOLARIA PUMILA COMPACTA.

## CALCEOLARIA.

An ornamental plant, producing a mass of beautiful pocket-like flowers early in the spring, and a universal favorite for decorating the greenhouse or conservatory.

- 5350 **Calceolaria Hybrida, Tall, Mixed.** PER PKT. Large-flowering, beautiful, rich, self-colored flowers; saved from a choice collection; 20 inches.....25
- 5352 — **Hybrida Tigrina, Tall, Mixed.** Large-flowering, tigered and spotted flowers; the very finest mixture of the most brilliant colors; 20 inches.....50
- 5353 — **Hybrida Pumila Compacta.** Of dwarf, compact, robust growth, producing immense trusses of large and varied brilliant self-colored and spotted flowers; 1 foot.....50
- 5354 — **Rugosa, Mixed (Shrubby).** Small-flowering varieties for bedding; of the finest colors; 2 feet.....50



CUP AND SAUCER CAMPANULA.

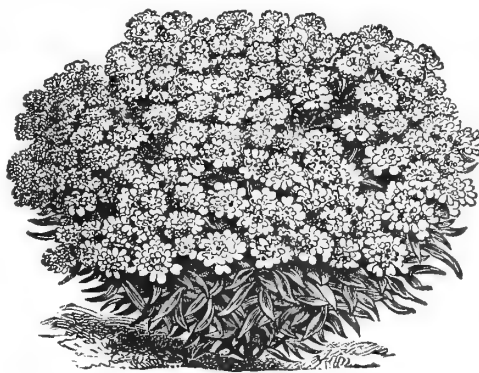
## CANDYTUFT.

Universally known and cultivated, and considered indispensable for cutting. All the varieties look best in beds or masses. Seed sown in autumn produces flowers early in spring; when sown in April flower from July to September, and some of the sorts till frost comes. All the varieties are hardy, and easy to cultivate. Single plants transplanted look well, and bloom profusely. Hardy annuals, 1 foot high.

- 5380 **Candytuft, Empress, or Snow Queen.** PER PKT. A complete mass of pure white flowers, borne on a candelabra-shaped plant.....10
- 5386 — **Carmine**.....10
- 5385 — **Crimson**.....5
- 5384 — **Lilac**.....5
- 5381 — **White Fragrant**.....5
- 5382 — **" Rocket**.....5
- 5390 — **Mixed Colors**.....5
- 5383 — **Tom Thumb, White.** 6 inches.....10
- 5387 — **" " Mixed.** 6 ".....10

### Hardy Perennial Candytufts.

- 5388 **Iberis Sempervirens.** A profuse white blooming hardy perennial, adapted for rockeries, baskets, etc., coming in flower early in the spring; 1 foot.....10
- 5379 **Iberis Gibraltaria Hybrida.** Very fine species with white flowers shading off to lilac. 1 foot.....15



CANDYTUFT, TOM THUMB.

## CAMPANULA.

Well-known beautiful hardy herbaceous perennials, bearing a great profusion of attractive bell-flowers, thriving best in light rich soil; some of the varieties flower the first season if planted early. Carpatia and Speculum are fine for beds, edgings and ribbon-gardening.

- 5368 **Campanula Pyramidalis** (*The Chimney Campanula*). A beautiful and stately plant, either for garden or pot-culture; mixed blue and white flowers; hardy perennial; 3 feet.....5
- 5367 — **Carpatia, Mixed.** Free-flowering, blue and white mixed, continuing in bloom the whole season; hardy perennial; 6 inches.....5
- 5366 — **Macrostyla.** A new, beautiful rose-flowering variety of this favorite type; hardy perennial, flowering first season, if sown early; 2 feet.....15
- 5420 — **Media, Single, Mixed** (*Canterbury Bells*). Beautiful large bell-shaped flowers; effective plants for pot-culture; hardy biennials; 2½ feet.....5
- 5410 — **Media, Double, Mixed** (*Canterbury Bells*). All the double Media varieties; 2½ feet.....5
- 5363 — **Media Calycanthema** (*Cup and Saucer*). This is the finest variety of Campanula, producing plants with white and blue flowers resembling cup and saucer; mixed.....10
- 5365 — **Speculum.** A double blue variety of Venus' Looking-Glass, fine for cutting and bouquets; 6 inches.....10

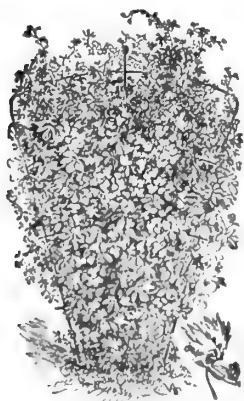




## CANNA.

Highly ornamental plants producing a rich effect by their large, broad and massive foliage, terminated by racemes of crimson, orange, or scarlet flowers. Soak the seed 12 hours in hot water before planting; sow in sandy loam or peat, and place in a hot-bed; when up to the second leaf, pot off singly and keep under glass until the proper season for planting out; take up the roots before frost, and preserve in a warm cellar or room; half-hardy perennials.

- 5402 **Canna, Large-flowering Dwarf French, Finest Mixed.** Comprising all the newest and most beautiful varieties. Per oz. \$1.00. . . . .10
- 5401 — **Emile Leclerc.** Golden yellow flowers, mottled crimson and scarlet, deep green foliage. . . . .10
- 5406 — **Madame Crozy.** This is the finest and most distinct variety yet introduced. The flowers are of the largest size, of a dazzling crimson scarlet bordered with golden yellow. Plant of dwarf habit and very free flowering, foliage bright green and very massive (see colored plate, page 3, cover). . . . .15
- 5400 — **Choice Mixed.** Old varieties. Per oz. 40 cts. 5



CANARY BIRD FLOWER

### CANARY BIRD FLOWER.

(*Tropæolum Canariense*.)

A beautiful climber, the charming little canary-colored blossoms bearing a fancied resemblance to a bird with its wings half expanded. The plant has a fine, luxuriant, rambling character, and if the seeds are planted by the side of an arbor or trellis, to run upon, it will run twenty feet high, and blossom from July till frost comes. The flowers will be more numerous and brilliant in light, moderately rich soil. Tender annual; 20 feet high.

5375 . . . . .10

### CALLIRHOE.

A very pretty hardy annual, growing from two to three feet high. It commences to flower when very small, and continues a mass of bloom all summer.

- 5341 **Callirhoe Pedata.** Rich violet purple, white eye 5

## Carnation.

Carnations and Picotee Pinks are general favorites for their delicious fragrance and richness of colors. The seed we offer has been imported from the best sources in Europe, and will produce many splendid novelties in double and semi-double flowers; protect during the winter; half-hardy perennials; 1½ ft.

PER PKT.

- 5425 **Carnation, Finest German.** Mixed colors; saved from extra fine double-named flowers. . . . .50
- 5426 — **Remontant, or Tree** (*Double Perpetual*). Mixed colors; saved only from the finest and choicest double-named flowers. . . . .50
- 5430 — **Fine Double, Mixed.** The hardiest and best varieties for garden culture. . . . .25
- 5423 — **Early Flowering Double Vienna**. . . . .15
- 5429 **Collection of the finest German Carnation, 12 varieties, each separate.** . . . . \$1.00



### CARNATION MARGUERITE.

This beautiful new race of Carnation has attracted great interest and claimed the admiration of all who have grown it since its introduction two years ago. Its rapid development, flowering as it does four months after sowing the seed, its profusion of bloom, variety of beautiful colors and delicious perfume will insure its popularity in all gardens where cut flowers are in demand.

- 5432 **Marguerite.** Red. . . . .25
- 5431 — White. . . . .25
- 5433 — Pink. . . . .25
- 5428 — Finest Mixed. . . . .25
- 5424 — **Carnation, Redondo Prize.** A splendid strain of hardy double Carnations, producing 85 per cent. of double flowers from seed; many beautiful colors mixed; ½ oz. \$1.00. . . . .25

### CACALIA.

(Tassel Flower.)

A neat, half-hardy annual of easy culture, with tassel-shaped flowers; blooms from July to September in clusters; fine for borders. Golden yellow and scarlet; 1½ feet.

- 5340 **Cacalia, Mixed.** Per oz. 50 cts. . . . .5

### CASTOR OIL BEAN.

(See Ricinus.)



COCKSCOMB—GLASGOW PRIZE.

**CELOSIA, OR COCKSCOMB.**

Free blooming graceful plants, growing best in rather light soil not too rich, producing spikes of beautiful, feathery and comb-shaped flowers; grown in pots, they are fine for the greenhouse or conservatory. The plumed varieties are fine for cutting and drying for winter bouquets, which should be done when in full bloom and before they fade. Half-hardy annuals.

- PER PKT.
- 5440 **Celosia Variegata.** Variegated with crimson, orange, green, shaded and striped; of the most brilliant hues; 3 feet.....10
- 5442 — **Glasgow Prize.** Dark foliage, immense showy dark crimson combs; 1 foot.....10
- 5447 — **Golden Plume.** Pyramidal habit. Flowers bright golden yellow; 3 feet.....15
- 5445 — **Plumosa Superba.** A beautiful feathered variety; mixed colors; 3 feet.....10
- 5450 — **Dwarf, Mixed.** Fine dwarf varieties of Cockscomb. Per oz., 75 cts. 5
- 5449 **Collection of** summer-flowering Chrysanthemums, 8 varieties.....50

**Chrysanthemum New Double Annual Hybrids.**

(*Chrysanthemum carinatum*, fl. pl.)

These beautiful varieties have been obtained by carefully hybridizing and selecting for several years the semi-double varieties of this useful annual until a high degree of doubleness has been attained. They are extremely variable in color. Some are pure white, yellow or crimson, but the prevailing types are bronzy yellow, the florets tinged with red or rose, the imbricated ray florets beautifully pencilled; others have rich crimson centres with clear yellow guard petals; although mostly very double, there will still be an occasional semi-double or even single, but these are almost equally charming.

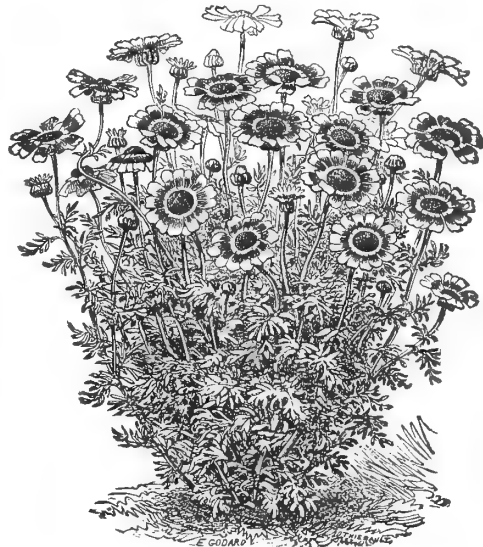
No. 5491. Per pkt., 25 cts.

**CHRYSANTHEMUM.**

Showy and effective garden favorites, extensively grown for cut flowers. The hardy annuals are summer-flowering border plants; good for pot culture, and quite distinct from the autumn-flowering varieties.

**Single Annual Varieties.**

- PER PKT.
- 5484 **Burridgeanum.** White centre, crimson band, beautiful; 1 foot. (See cut).....5
- 5493 **Carinatum Eclipse.** Pure golden with a bright purplish scarlet ring and dark brown disc, very striking.10
- 5495 **Segetum Grandiflorum.** Large blooms of a bright sulphur-yellow color, measuring 2 to 2½ inches in diameter.....10
- 5486 **W. E. Gladstone.** Brilliant crimson. A showy flower.....10
- 5481 **Golden Feather.** White, banded crimson, inner ring canary yellow, maroon eye.....10
- 5483 **The Sultan.** Crimson maroon, golden yellow centre.....10
- 5489 **Collection of** summer-flowering Chrysanthemums, 8 varieties.....50



SINGLE ANNUAL CHRYSANTHEMUM.

**Semi-Double Annual Varieties.**

- 5485 **Semi-Double White.**.....5
- 5487 **Semi-Double Yellow.**.....5
- 5500 — — **Mixed.** Summer flowering varieties; 1 to 2 feet. Oz., 50 cts. 5
- 5488 **Chrysanthemum Frutescens Grandiflorum.** ("The Marguerite" or "Paris Daisy.") Immense quantities are grown by French florists, and find a ready sale. It produces freely its white star-like flowers under the most unfavorable conditions.....10
- 5480 **Indicum Majus.** Choice mixed large-flowering double varieties; half-hardy perennial; 3 feet.....15

**CALADIUM.**

Variegated foliage plants, excellent for greenhouse decoration.

- 5362 **Caladium, Finest Mixed.**.....25

**CAMELLIA.**

Favorite winter flowering, half-hardy greenhouse shrubs. Soak the seed before sowing, as they lie long dormant; sow in sandy peat and loam. Seed saved from the finest double varieties.

- 5370 **Camellia Japonica, Double Mixed.**.....25

## CENTAUREA.

Fine for bedding, vases, hanging-baskets and pots; also extensively used for margins. Sow the seed from December to April; half-hardy perennials.

### WHITE LEAVED, OR DUSTY MILLER VARIETIES.

PER PKT.

- 5457 *Centaurea Gymnocarpa*. Fine cut, silvery-gray foliage; 1½ feet. Per 1,000 seeds, 50 cts. .... 10  
 5454 — *Candidissima*. Silvery, broad cut leaves; 1 foot. Per 1,000 seeds, 75 cts. .... 15

### CENTAUREA CYANUS.

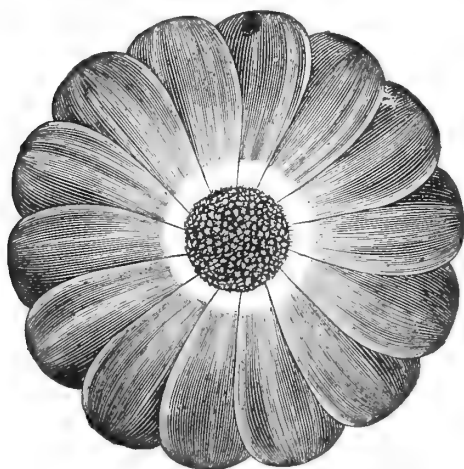
(Ragged Sailor, Corn Flower, or Blue Bottle.

- 5462 *Centaurea Cyanus*, White. .... 5  
 5463 — — **Blue**. .... 5  
 5460 — — **Mixed**. 1½ feet. .... 5  
 5464 — — **New Double Flowered**. .... 10

### CEDRONELLA.

A hardy perennial plant, with fragrant foliage and long spikes of purplish flowers, remaining in bloom a long time; 2 ft.

- 5435 *Cedronella Cana* ..... 5



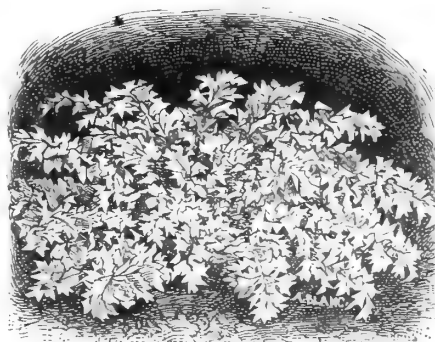
## Cineraria Grandiflora.

### "DREER'S PRIZE STRAIN."

This strain of Cineraria cannot be surpassed either for size of flower or beauty of color. Many of the blooms measure 2½ inches in diameter, and none will be smaller than a silver dollar. We have received very flattering reports from florists and private gardeners of their success with our Cineraria seed. All desiring the *best* should procure our Prize strain.

- 5510 *Cineraria Hybrida Grandif.*, *Prize* dwarf, mix. 50  
 5520 " " " *Prize* tall, mixed. .... 50  
 5540 " " " choice mixed, dwarf. 25  
 5530 " " " choice mixed, tall. .... 25  
 5531 *Cineraria Hybrida Grandif.* **White Gem**.  
 A new pure white variety, excellent for Easter decoration ..... 50  
 5511 *Cineraria Hybrida Grandiflora* **Kermesina**. This superb variety is one of the richest colored of this beautiful class of plants. The flowers are of the largest size, averaging 2½ inches across, of an intense glowing velvety dark crimson. .... 50  
 5550 *Cineraria*, **Double Mixed**. Large-flowering double varieties, double mixed. All the rich and beautiful colors of the single exist in this variety; 2 ft. .... 50

*We purchased some of your best Cineraria seed last season, which gave us splendid satisfaction. Some of the single flowers measured 3 inches across.*  
 GRANGER BROS., Deer Park, Toronto Aug. 11, 1891.



CINERARIA MARITIMA.

### CINERARIA.

Dusty Miller.)

Fine for bedding, ribbon-beds, and margins; prized for their beautiful downy silvery foliage; half-hardy perennials; 2 feet.

PER PKT.

- 5555 *Cineraria Maritima Candidissima*. With large silver foliage; clusters of yellow flowers. Per oz., 75 cts. .... 10  
 5556 — *Acanthifolia*. Silvery foliage, beautifully cut. 10

### CLARKIA.

An old favorite hardy annual plant, growing in any garden soil, and producing freely its cheerful flowers early in the season. Sow the seed early in the spring or in the autumn; 1½ feet.

- 5550 *Clarkia*, **Single**. Mixed colors. .... 5  
 5570 — **Double**. Mixed colors. .... 5

### CERASTIUM.

(Snow in Summer.)

A very pretty dwarf white-leaved edging plant bearing small white flowers.

- 5472 *Cerastium Tomentosum* ..... 10

### COCCINEA.

(Scarlet Fruited Ivy Leaved Climber.)

A handsome climber of the gourd species, flowering the first season if started early in heat, with beautiful smooth, glossy, ivy-like leaves, contrasting with the fine, snow-white, bell-shaped flowers, and brilliant carmine fruit; half-hardy perennial; 10 feet.

- 5588 *Coccinea Indica*. .... 10



COCCINEA INDICA.

### COLEUS.

Our new strain of hybrid varieties produces the finest colored, most attractive and novel foliage plants for house or garden culture. Sow in March or April. Mixed colors and varieties.

- 5640 *Coleus*, **Dreer's Hybrids**. .... 25

### COLLINSIA.

Very pretty free-flowering plants, blooming in whorls and several whorls around each flower stem; mixed, of all varieties and colors; hardy annual; 1½ feet.

- 5650 *Collinsia*, **Mixed**. .... 5

### COMMELINA.

A tuberous-rooted, free-blooming, very pretty plant; succeeds in a light, rich soil. Half-hardy perennial, blooming the first season from seed; 1½ feet.

- 5602 *Commelina Coelestis* **Cerulea**. Rich sky-blue ..... 5

**CLIANTHUS.**

(Australian Glory Pea.)

A beautiful greenhouse perennial shrub, bearing clusters of drooping, brilliant, rich scarlet, pea-shaped flowers, 3 inches in length, each flower picturesquely marked with a large black blotch in the centre. Plant out in May or June, when the weather has become warm, in a rather dry, sheltered, sunny position; 4 feet.

5584 **Clianthus Dampieri**. . . . . PER PKT. 25

**CLEMATIS.**

Rapid-growing climbers, fine for arbors and verandas; the small varieties flower in clusters, and are very fragrant; the large-flowering varieties are very handsome, and are continually in bloom. Soak the seed in warm water for 24 hours before sowing; hardy perennials; 15 feet.

5575 **Clematis Flammula** (*Virgin's Bower*). Producing beautiful clusters of small white fragrant flowers. 10  
5577 — **Hybrida Grandiflora**. Large-flowering, mix. 20



COBÆA SCANDENS.

**COBÆA.**

A climber of rapid growth, flowering the first season if sown early in the house or hot-bed. In sowing, place seeds edgewise and merely cover with light soil.

5586 **Cobæa Scandens**. Large, bell-shaped purple flowers. . . . . 10  
5587 — **Scandens Alba**. Pure white. . . . . 20

**CLEOME.**

(Giant Spider Plant.)

Singular-looking rose-colored flowers; the stamens look like spiders' legs, and present a very attractive appearance; half-hardy annual; 3 feet.

5581 **Cleome Pungens**. . . . . 10

**CONVOLVULUS MAJOR.**

(Morning Glory.)

One of the most free-flowering and rapid-growing plants in cultivation, thriving in almost any situation; the beauty and delicacy of their brilliant flowers are unsurpassed; hardy annuals; 15 feet.

5630 **Morning Glory, Mixed**. All colors. Per oz., 15 cts. . . . . 5  
5629 **Collection of Morning Glory**, 10 varieties. . . . . 40

**CONVOLVULUS MINOR.**

(Dwarf Morning Glory.)

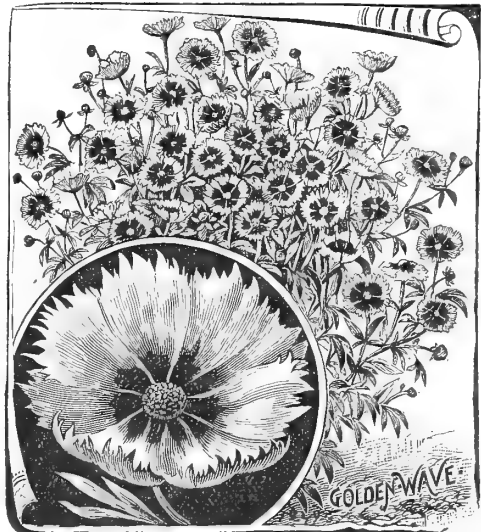
Rich colored, handsome, dwarf, trailing plants, producing in beds and mixed borders an unusually brilliant effect; hardy annuals; 1 foot.

5606 **Convolvulus Tricolor, Mixed**. . . . . 5  
5611 — **Mauritanicus**. A beautiful trailing plant for hanging-baskets; blue flowers. . . . . 10

**COSMOS.**

An autumn-flowering plant, requiring treatment similar to the Dahlia. The flowers are borne profusely in loose clusters, and present a charming appearance when the plants are in full blossom as they wave to and fro in every passing breeze. Seed should be sown early in spring and the plants transplanted in the open border when danger from frost is past. It begins blooming in August and continues until cut down by frost. If young plants are starved a little it will have the effect of bringing them into bloom early. For planting in shrubbery it will be found very valuable.

5652 **Cosmos Hybridus, Mixed**. Per oz., \$1.00. . . 10  
5653 — **Hybridus, Pure White**. Per oz., \$1.25. . . 15

**CALLIOPSIS, or COREOPSIS.**

Showy and useful free-flowering plants; the tall varieties are very effective in mixed borders, while the dwarf, from their close, compact habit of growth, make fine bedding plants; of easy cultivation; hardy annuals.

5358 **Calliopsis, Golden Wave**. (See cut.) A very showy sort with bright golden yellow flowers, with small dark centres; blooming profusely. . . . . 10  
5355 — **Drummondii**. Large yellow, with crimson centre; 1 foot. . . . . 10  
5357 — **Nigra Speciosa**. Beautiful, rich, velvety-crimson; 2 feet. . . . . 5  
5360 — **Mixed**. All the choice kinds; 2 to 3 feet. Per oz., 40 cts. . . . . 5



**COREOPSIS**—*Continued.*

- 5356 **Coreopsis Lanceolata.** One of the most showy hardy plants grown. Flowers large, of bright golden yellow, produced in profusion for a long period. Unequaled for cutting. See colored plate, page 3 of cover; hardy perennial; 2 to 3 feet. . . . .10

**CYPRESS VINE.**

(Ipomæa Quamoclit.)

One of our most popular vines, with very delicate fern-like foliage, and masses of beautiful small, star-shaped flowers. Sow in May; 15 feet.

- 5674 **Crimson.** Per oz. 30 cts. . . . . 5  
 5676 **White.** Per oz. 30 cts. . . . . 5  
 5680 **Mixed.** White and crimson. Per oz. 30 cts. . . . . 5  
 5677 **Scarlet Ivy-leaved.** A rapid-climbing variety, with deeply-lobed, ivy-like leaves, and small, fiery scarlet flowers. Per oz. 30 cts. . . . . 5

**CYCLANTHERA.**

A climbing plant of the gourd species, free-growing, handsome foliage and oval-shaped fruit, exploding loudly when ripe; half-hardy annual; 10 feet.

- 5672 **Cyclanthera Explodens.** . . . . 5

**ENGLISH COWSLIP.**(See *Primula Veris.*)**CUPHEA.**

(Lady's Cigar Plant.)

A very free-flowering plant, bearing tubular flowers of a bright red color; very floriferous.

- 5655 **Cuphea Roezli Superba.** . . . .15



CYCLAMEN PERSICUM GIGANTEUM

**CYCLAMEN.**

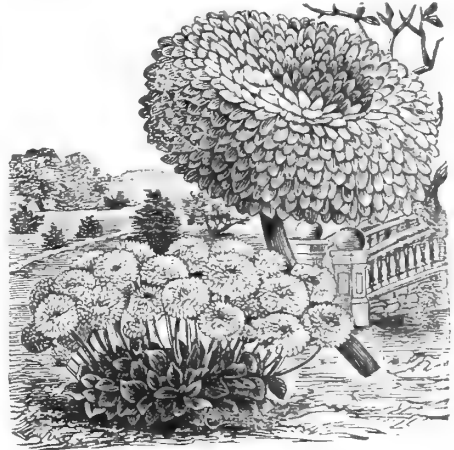
Charming bulbous-rooted plants, with beautiful foliage, and rich-colored orchid-like fragrant flowers; universal favorites for winter and spring blooming. If seed is sown early they make flowering bulbs in one season; they require sandy loam; half-hardy perennial; 6 inches.

- 5670 **Cyclamen Persicum, Mixed.** Finest mixed. . . . .25

**CYCLAMEN GIGANTEUM.**

This new large-flowering strain has beautiful mottled leaves, broad petals, and stout flower-stalks, throwing the flowers well above the foliage; 8 inches.

- 5658 **Giganteum Rubrum.** Rose, changing to crimson. . . . .50  
 5657 — **Album.** Pure white, violet-purple eye. . . . .50  
 5660 — **Mixed.** Rich colors. . . . .50



SNOWBALL DAISY.

**Daisy.**

(Bellis Perennis.)

A favorite plant in bloom from April to June. The seed we offer is saved from the finest double varieties. Daisies can be easily raised from seed sown in the spring.

- 5690 **Daisy, Mixed.** All colors; 4 inches. . . . .15  
 5682 — **Double White.** . . . . .15  
 5684 — **Longfellow.** This variety comes true from seed; it is of unusual size and has very double dark rose flowers. . . . .15  
 5683 — **Snowball.** A large and very double pure white Daisy of the "Longfellow" type. The flowers are borne on long stems and are excellent for cutting. . . . .20

**DAHLIA.**

One of our best autumnal flowering plants; blooms until killed by frost; tuberous-rooted half-hardy perennials; blooming the first year from seed, if sown early; protect the roots during winter in a dry cellar in sand; 2 to 8 feet.

- 5692 **Dahlia, Double.** Large flowering finest mixed. . . . .15  
 5693 — **Double.** Small flowering (*Bouquet of Liliputian*); finest mixed. . . . .15  
 5691 — **Single, Gracilis.** Beautifully striped and spotted varieties. . . . .15  
 5695 — **Single, Jules Chretien.** Bright scarlet, half dwarf; one of the finest. . . . .25  
 5694 — **Single Mixed.** Large, showy single flowers. . . . .15  
 5699 — **Single.** Collection of 6 separate sorts. . . . .60

**DATURA.**

(Trumpet Flower.)

- 5697 **Datura Double Golden.** Large double flowers, of a deep golden yellow; delightfully fragrant. . . . .10  
 5700 — **Fastuosa Huberiana, Mixed.** From large double flowers of various colors. . . . . 5  
 5606 — **Arborea Simplex (Brugmansia).** Large single trumpet-shaped, white, fragrant flowers, about 12 inches long. Plant out in May. . . . .20



DELPHINIUM GRANDIFLORUM, FL. PL.

## Delphinium.

(Perennial Larkspur.)

One of our most showy and useful plants, possessing almost every requisite for the adornment of the garden; producing splendid spikes of flowers in profusion throughout the summer. If sown early they bloom the first year from seed.

### Hardy Perennials.

- 5705 **Delphinium Formosum.** Beautiful spikes of brilliant rich blue flowers, with a white centre;  $2\frac{1}{2}$  feet. See colored plate, page 3 (cover).....10
- 5706 — **Nudicaule.** Dwarf, of compact growth, with spikes of bright scarlet flowers; 18 inches.....10
- 5708 — **Cashmerianum.** A beautiful dark blue, blooms in corymbs of six or more; 15 inches.....10
- 5715 — **Elatum.** Bee larkspur. Rich deep blue; very free blooming.....10
- 5718 — **Grandiflorum fl. pl.** Finest double, mixed in great variety of charming colors.....15
- 5707 — **Zalil.** A lovely shade of sulphur yellow, plant of branching habit, growing 3 to 4 feet high, and bearing spikes of 40 to 50 blossoms.....15



DIANTHUS HEDDEWIGI DIADEMATUS.

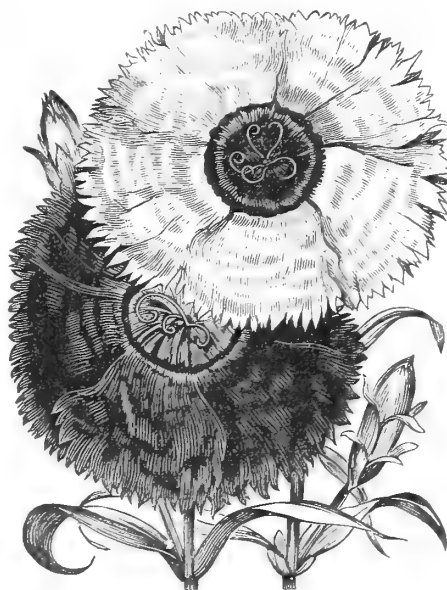
## DIANTHUS.

(Pinks.)

A magnificent genus, embracing some of the most popular flowers in cultivation, producing a great variety of brilliant colors and profusion of bloom. The hardy biennials, or Chinese and Japanese varieties, bloom the first season, the same as hardy annuals; height, 1 foot. The hardy perennial varieties are very fragrant and of easy culture for the garden or greenhouse.

### Double Annual Varieties.

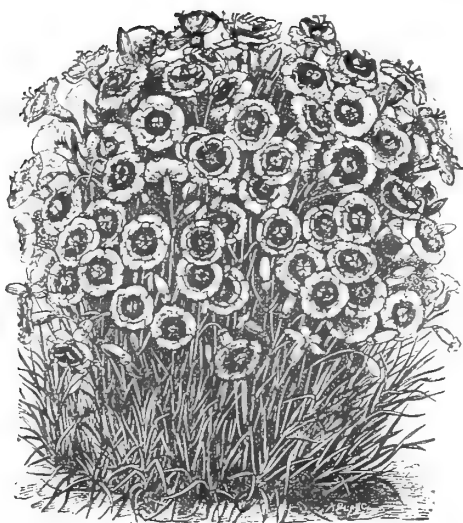
- 5720 **Dianthus Chinensis** (*China or Indian Pink*). Extra double, all colors mixed. Per oz. 50 cts.....5
- 5730 — **Heddeewigi Flore Pleno** (*Double Japan Pink*). Colors varying from the richest velvety crimson to the most delicate rose, mixed. Per oz. \$1.00...10
- 5740 — **Heddeewigi Diadematus Flore Pleno** (*Double Diadem Japan Pink*). Beautiful double flowers from 2 to 3 inches in diameter; mixed of varied tints of lilac, crimson, purple, to very dark purple; with the outer edges fringed and nearly white. Per oz. \$1.00.....10
- 5722 — **Imperialis** (*Double Imperial Pink*). Double, variegated, mixed colors.....5
- 5728 — **Laciniatus Flore Pleno** (*Double Fringed Japan Pink*). Large double showy flowers with fringed edges, mixed, various colors and beautifully striped.....10
- 5724 — **Mourning Cloak.** Rich, blackish crimson; a very fragrant and effective flower.....10
- 5723 — **Nanus Atro-Sanguineus.** A dwarf plant producing globular double dark blood-red flowers in great profusion; 6 inches.....10
- 5742 — **Fine Garden, or Clove-Scented Pinks** (*Hortensis Varieties*). Beautiful double mixed colors; 2 feet; hardy.....10



DIANTHUS, "CRIMSON BELLE" AND "EASTERN QUEEN."

### Single Annual Varieties.

- 5731 **Dianthus Laciniatus.** A beautiful fringed variety; various colors. Hardy annual; 1 foot.....5
- 5732 — **"Eastern Queen."** Beautifully marbled; the broad bands of rich mauve upon the paler surface of the petals are very striking and pretty.....10
- 5733 — **"Crimson Belle."** As its name implies, is of a rich crimson color, flowers of a very large size and substance, evenly and finely lacinated.....10
- 5739 **Collection of China and Japan Pinks;** 12 varieties, each color separate.....60
- 5729 **Collection 12 varieties;** Hardy Show Pinks....\$1.25



DIANTHUS PLUMARIUS.

**DIANTHUS—Continued.****Perennial Varieties.**

- 5725 **Dianthus Plumarius, Pheasant's Eyes.** PER PKT. A beautiful single variety, with fringed-edged white flowers, and a dark centre; hardy perennial; 1 foot. . . . . 5
- 5727 — **Plumarius Scoticus Fl. Pl.** (*Double Scotch, or Paisley Pinks*). Double, large flowering, with fringed edges of various colors, mixed; 1 foot. . . . . 25

**DICTAMNUS.**

(Burning Bush or Gas Plant.)

A hardy perennial, fragrant, free-flowering, herbaceous plant, suitable for mixed borders; thriving in any common soil; producing racemes of flowers often 1 foot in length.

- 5745 **Dictamnus Fraxinella, Mixed.** White and red; 2 feet. . . . . 10

**DIGITALIS.**

(Foxglove.)

A handsome and highly ornamental, hardy perennial plant, of stately growth, fine for shrubberies and other half-shady places; 3 feet.

- 5750 **Digitalis Gloxinaeflora.** Gloxinia-shaped flowers. A lovely type; all colors mixed. . . . . 5
- 5751 — **Monstrosa.** Mammoth Foxglove. The largest and best type; all colors mixed. . . . . 10

**DOLICHOS.**

(See Hyacinth Bean.)

**ECHEVERIA.**

Very desirable plants for bedding or for borders, blooming the second season. They can be wintered in a light cellar free from frost.

- 5776 **Echeveria, Mixed.** . . . . . 25

**EUCHARIDIUM.**

A rare and beautiful plant, of dwarf spreading habit and narrow lanceolate foliage. The color of the flowers is a pleasing purplish rose, shading to white in the centre.

- 5808 **Eucharidium Breweri** . . . . . 10

**ERYTHRINA.**

(Coral Plant.)

An ornamental half-hardy perennial shrub, fine for outdoor summer decoration, with beautiful foliage and superb spikes of scarlet pea-shaped flowers; 5 feet.

- 5786 **Erythrina Crista Galli** . . . . . 25

**EUPATORIUM.**

A very pretty herbaceous hardy perennial plant, blooming the first season from seed, producing clusters of snowy-white flowers; fine for cutting and bouquets; 1½ feet.

- 5804 **Eupatorium Fraseri** . . . . . 10

**ESCHSCHOLTZIA.**

(California Poppy.)

Very attractive plants for beds, edgings, or masses: profuse flowering and fine cut foliage, in bloom from June till frost; hardy annuals; 1 foot.

- 5788 **Eschscholtzia Aurantiaca.** Rich orange. . . . . 5
- 5796 — **Mandarin.** Inner side of the petals rich orange, the outer side brilliant scarlet. . . . . 10
- 5795 — **Rose Cardinal.** A charming new variety, producing freely beautiful large flowers, of intense carmine. . . . . 10
- 5800 — **Mixed, Single.** All colors. Per oz., 40 cts. . . . . 5
- 5790 — **Mixed, Double Varieties.** . . . . . 10

**EUPHORBIA.**

(Snow on the Mountain.)

Attractive foliage, with white and green bracts on the tip of each branch, veined and margined with white; 2 feet.

- 5806 **Euphorbia Variegata** . . . . . 5



EUPHORBIA HETEROPHYLLA

**EUPHORBIA HETEROPHYLLA.**

(Mexican Fire Plant, Painted Leaf, Fire on the Mountain.)

- 5807 This brilliant novelty is a hardy annual of the easiest culture, and resembles in habit and color the beautiful hot-house Poinsettia. The plants grow two to three feet high, of branching bush-like form, with smooth glossy leaves, which are at first entirely green, but about mid-summer clusters of small white flowers appear on the end of each branch surrounded by beautiful orange scarlet bracts, presenting a striking and brilliant combination of colors. . . . . 10

**EXACUM.**

Forming small, dense bushes about 6 inches high, and having dark green leaves and terminal clusters of violet purple, beautifully scented flowers with yellow anthers.

- 5811 **Exacum Affine.** . . . . . 25



HELICHRYSUM, DOUBLE MIXED.

## EVERLASTINGS.

This class of plants has become very popular, and they are generally cultivated for their beautiful rich-colored flowers, which are desirable for making up winter bouquets, wreaths, and Christmas decorations. They should be cut when they come into full bloom, or before the flowers get too old and lose their bright colors, tied in small bunches, and dried slowly in the shade, with their heads downwards, to keep the stems straight.

**ACROCLINUM.** Charming border plants with beautiful flowers, growing freely in any good garden soil; half-hardy annuals; 1 foot.

|                                          |            |
|------------------------------------------|------------|
| 5021 — Single Rose.....                  | PER PKT. 5 |
| 5022 — Single White.....                 | 5          |
| 5030 — Single Mixed. Per oz. 40 cts..... | 5          |
| 5025 — Double Rose.....                  | 10         |

**AMMOBIUM.** A pretty, useful border plant much used as an everlasting flower for winter bouquets; hardy annual; 2 feet.

5114 — **Alatum Grandiflorum.** Pure white.....10

**GLOBE AMARANTH** (*Batchelor's Button*). Handsome flowers of various colors; half-hardy annuals; 2 ft.

|                                     |   |
|-------------------------------------|---|
| 5892 — — White.....                 | 5 |
| 5895 — — Purple.....                | 5 |
| 5900 — — Mixed. Per oz. 40 cts..... | 5 |



GLOBE AMARANTH.

## EVERLASTINGS—Continued.

**HELICHRYSUM.** Exceedingly effective double flowers, making a fine display in beds or borders; they succeed in any rich garden soil; hardy annuals; 1½ feet.

|                                                                                                                                                           |            |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| 5925 — Pure White.....                                                                                                                                    | PER PKT. 5 |
| 5928 — Deep Crimson.....                                                                                                                                  | 5          |
| 5930 — Mixed. All colors. Per oz., 60 cts.....                                                                                                            | 5          |
| 5942 <b>HELIPETERUM SANFORDI.</b> A very pretty border plant of dwarf habit, bearing large globular clusters of bright golden-yellow flowers; 1 foot..... | 10         |

**RHODANTHE.** A charming plant; succeeds in a light, rich soil, and a warm, sheltered situation; valuable for pot or border culture; half-hardy annuals; 1 foot.

6460 — **Maculata, Fine Mixed**.....10

**STATICE.** An interesting plant with showy blossoms, which remain a long time in bloom; free flowering and of easy culture; half-hardy annuals; 1 foot.

6580 — **Mixed.** Fine for grass bouquets..... 5

**XERANTHEMUM.** Showy double free flowering border plants.

6760 **XERANTHEMUM SUPERBISSIMUM, Mixed.** This new strain has double globe-shaped flowers.....10

6770 — **Mixed**..... 5

5799 **Collection of Immortelles and Everlasting Flowers;** 12 varieties, each separate.....75



FREESIA REFRACTA ALBA

## FREESIA.

Very easily grown bulbs which can be readily produced from seed. The flowers are pure white with yellow throat, and are exquisitely fragrant.

5831 **Freesia Refracta Alba**.....15

## FENZLIA.

A small dwarf profuse flowering plant, adapted for small beds, rustic work, vases, or pot culture, blooming all summer, and requires to be well supplied with moisture; hardy annual; rosy lilac, with crimson centre; 3 inches.

5815 **Fenzlia Dianthiflora**.....15

## FERNS.

These ornamental plants are very desirable for Wardian cases or ferneries; thriving in a peaty, sandy soil, and moist, shady positions in the garden during the summer. The seed is, however, slow of germination, and requires care and considerable patience before it makes its appearance. Sow in the spring in shallow boxes, barely covering the seed with soil; keep moist with a covering of fine moss, and in a temperature of 60 degrees.

5816 **Adiantum, Mixed.** Maiden-hair varieties.....25

5830 **Choice, Mixed.** From a fine collection.....20

5819 **Collection of Ferns,** 12 varieties.....\$1.50



FORGET-ME-NOT.

(See Myosotis.)

FUCHSIA.

A well-known plant of easy culture, for the house or shady situations in the garden ; the seed we offer is saved from the finest single and double named varieties.

|      |                            |               |    |
|------|----------------------------|---------------|----|
| 5836 | <b>Fuchsia Procumbens.</b> | Trailing..... | 20 |
| 5835 | — <b>Mixed.</b>            | .....         | 25 |

GAILLARDIA.

Splendid bedding plants, remarkable for the profusion, size and brilliancy of their flowers, continuing in bloom during the summer and autumn; half-hardy annuals; 1½ feet.

|      |                               |                                                                                                                               |    |
|------|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------|----|
| 5837 | <b>Gaillardia Picta.</b>      | Crimson and orange.....                                                                                                       | 5  |
| 5838 | — <b>Picta Lorenziana.</b>    | A charming profuse flowering semi-double strain; beautiful mixed colors.....                                                  | 10 |
| 5840 | — <b>Mixed.</b>               | Fine colors.....                                                                                                              | 5  |
| 5841 | — <b>Grandiflora Superba.</b> | Splendid new perennial varieties with very large flowers, dark crimson centres, marked with rings of many brilliant colors... | 10 |



GAILLARDIA LORENZIANA.

GAZANIA.

Excellent plants for vases, edgings or beds. They are constantly in bloom and are very showy.

|      |                           |                            |    |
|------|---------------------------|----------------------------|----|
| 5843 | <b>Gazania Splendens.</b> | Rich orange, black centre. | 10 |
|------|---------------------------|----------------------------|----|

GENTIANA.

A charming hardy perennial which blooms early in May. The dwarf sorts are excellent for edgings, etc.

|      |                          |                                                    |    |
|------|--------------------------|----------------------------------------------------|----|
| 5852 | <b>Gentiana Acaulis.</b> | The Blue Gentian, flowers rich blue; 6 inches..... | 10 |
|------|--------------------------|----------------------------------------------------|----|

GERANIUM.

|      |                                                              |                                                                                                                                            |    |
|------|--------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|----|
| 5850 | <b>Geranium Zonale, Mixed.</b>                               | A superb strain of the largest and finest varieties; mixed colors.....                                                                     | 10 |
| 5845 | — <b>Variegated, Mixed.</b>                                  | Bronze, gold, and silver tri-colored foliage varieties.....                                                                                | 25 |
| 5846 | — <b>Double, Mixed.</b>                                      | This seed will produce a large percentage of double flowers of extra fine colors.....                                                      | 50 |
| 5847 | — <b>Pelargonium, Mixed</b> ( <i>Lady Washington</i> ).      | From the finest fancy and spotted large flowering.....                                                                                     | 50 |
| 5844 | — <b>Apple-Scented</b> ( <i>Pelargonium odoratissimum</i> ). | This fragrant favorite variety can only be grown from seed to form fine plants Sow in light soil, and keep moist until they germinate..... | 25 |

GESNERIA.

A beautiful hot-house, bulbous-rooted plant, producing brilliant colored flowers; requires a light, rich, peaty soil; choice varieties; 2 feet.

|      |                        |       |    |
|------|------------------------|-------|----|
| 5853 | <b>Gesneria Mixed.</b> | ..... | 25 |
|------|------------------------|-------|----|



GLOXINIA.

A superb genus of greenhouse plants, producing magnificent flowers of the richest colors; thrive best in an equal mixture of peat, loam and sand. Sow in March, on the surface, in a warm, moist atmosphere. When the second leaf appears, transplant into shallow pots to grow through summer. Allow them to rest through autumn, and keep in same pots through winter, giving little water. In spring repot and water freely; will blossom second season. Stove perennial bulbs.

|      |                        |                                                          |    |
|------|------------------------|----------------------------------------------------------|----|
| 5861 | <b>Gloxinia.</b>       | Erect large-flowering varieties in splendid mixture..... | 50 |
| 5864 | — <b>New Spotted</b>   | and stained hybrids from a superb collection.....        | 50 |
| 5870 | — <b>Choice Mixed.</b> | Erect and drooping flowers.....                          | 25 |

GOLDEN ROD.

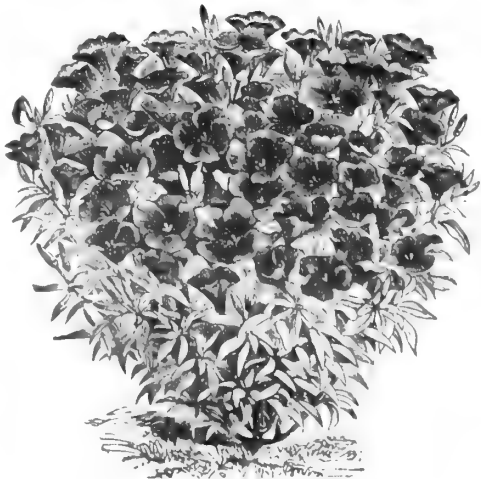
(Solidago.)

|      |                       |       |    |
|------|-----------------------|-------|----|
| 5884 | <b>Golden Yellow.</b> | ..... | 10 |
|------|-----------------------|-------|----|

GODETIA.

An attractive hardy annual, deserving more extensive cultivation. The plants bloom profusely and bear showy flowers of rich and varied colors; 1½ feet.

|      |                               |                             |    |
|------|-------------------------------|-----------------------------|----|
| 5886 | <b>Godetia Apple Blossom.</b> | Rosy blush.....             | 5  |
| 5888 | — <b>Duchess of Albany.</b>   | Pure white.....             | 5  |
| 5889 | — <b>Fairy Queen.</b>         | Blush, spotted carmine..... | 10 |
| 5887 | — <b>Lady Albemarle.</b>      | Large, crimson rose.....    | 5  |
| 5891 | — <b>The Bride.</b>           | White, carmine centre.....  | 5  |
| 5890 | — <b>Mixed.</b>               | .....                       | 5  |



GODETIA LADY ALBEMARLE.

**GILIA.**

Very pretty dwarf plants, early, free blooming, fine for massing and rock work; hardy annuals; 1 foot.

5880 **Gilia Mixed.** All varieties and colors..... 5

**GLAUCIUM.**

(Horn Poppy.)

An ornamental foliage plant, with long, recurved, silvery leaves, deeply cut to the rib, forming two rows of leaflets; of vigorous growth, contrasting finely with colored foliage plants. Flowers are orange-yellow, bell-shaped and drooping; hardy biennial; 2 feet.

5885 **Glaucium Corniculatum.** Per oz. 75 cts. .... 5

**GNAPHALIUM.**

(Edelweiss.)

Principally found on the Alps of Switzerland. Seed must be sown early in the spring in shallow pans in sandy soil and leaf-mould, and should be kept cool and moist.

5885 **Gnaphalium Leontopodium**.....25

**GOURD, ORNAMENTAL.**

Rapid growing, interesting plants with ornamental foliage, and varieties of singular shaped fruit; tender annuals; 15 to 20 feet.

- 5903 **Calabash.** The Dipper..... 5  
 5905 **Hercules' Club.** Club-shaped; 4 feet long..... 5  
 5904 **Egg-Shaped.** Fruit white like an egg..... 5  
 5906 **Orange-Shaped, or Mock-Orange.**..... 5  
 5901 **Bottle-Shaped**..... 5  
 5912 **Turk's Turban.** Red striped..... 5  
 5911 **Pear-Shaped.** Striped; very showy..... 5  
 5902 **Luffa.** Dish Rag, or Bonnet Gourd..... 10  
 5907 **Serpent.** Striped like a serpent, changing to brilliant carmine when ripe; 5 feet in length..... 5  
 5910 **Fine Mixed.** Per oz., 40 cts..... 5

**GOLDEN FEATHER.**

(See Pyrethrum.)

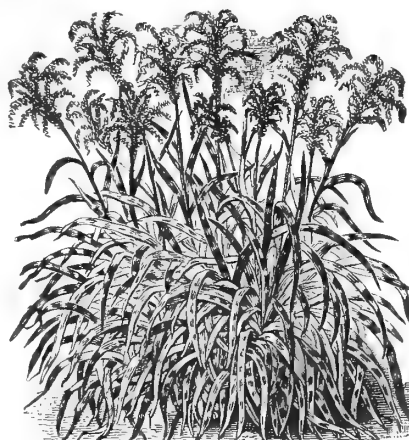
**GREENHOUSE AND STOVE PLANTS.**

6599 **Collection** containing 25 choice varieties.....\$2.00

**GEUM.**

Beautiful hardy perennial, bearing profusely large showy flowers all through the summer; an elegant flower for bouquets.

5854 **Geum Atrococcineum.** Scarlet.....10



EULALIA JAPONICA ZEBRINA.

**GRASSES, ORNAMENTAL.**

These form a beautiful and attractive addition to the Flower Garden; their graceful forms give a pleasing relief to the brilliancy of their showy companions. When carefully dried, they are useful in making up winter bouquets, etc.

- 5060 **AGROSTIS, Mixed.** Exceedingly beautiful, feathery and graceful; of dwarf growth; hardy annuals; 1 foot..... 5  
 5167 **ARUNDO DONAX VARIEGATA** (*New Zealand Pampas Grass*). A variety similar to the Pampas, with long, graceful, drooping leaves, and silvery plumes, on stems 10 feet high; fine for specimens on laws or for massing in clumps; hardy perennial.....15  
 5245 **AVENA STERILIS** (*Animated Oats*). Pretty, large, drooping spikes, on slender stems; hardy annual; 2½ feet..... 5  
**BRIZA** (*Rattlesnake, or Quaking Grass*). A beautiful variety, in great demand for ornamental work and grass bouquets; hardy annual; 1 foot.  
 5311 — **Compacta.** Erect, compact, with elegant rattles. 5  
 5313 — **Maxima.** Large racemes of beautiful rattles. Per oz., 60 cts..... 5  
 5316 **BROMUS BRIZÆFOMRIS.** A graceful variety, with drooping panicles resembling the Briza Maxima, and in great demand for florists' use; hardy perennial, flowering the first season; 1 foot. Per oz., 30 cts..... 5  
 5591 **COIX LACHRYMÆ** (*Job's Tears*). With broad, corn-like leaves, and hard, shining, pearly seeds; half-hardy annual; 2 feet. Per oz., 30 cts..... 5  
 5782 **ERIANTHUS RAVENNÆ.** Hardy perennial, exquisite white plumes resembling the Pampas Grass. Fine for lawns if planted in clumps. Flowers the first season if sown very early in the greenhouse or hot-bed; 10 feet.....10  
**EULALIA.** Hardy perennial, long narrow leaves, elegantly recurved flower-spikes of a light violet color, not unlike a curled ostrich feather.  
 5802 — **Japonica.** Striped white and green.....10  
 5803 — **Zebrina.** Leaves light green, mottled and striped, transversely light yellow.....10  
**GYNERIUM** (*Pampas Grass*). Half-hardy perennial, blooms the second season from seed; will stand out over winter, if protected with straw, or lay down and cover with earth.  
 5913 — **Argenteum.** Splendid white silvery plumes....10  
 5988 **LAGURUS OVATUS** (*Hare's Tail*). Beautiful small white heads or spikes of bloom, excellent for bouquets; hardy annual; 1 foot..... 5  
 6586 **STIPA PENNATA** (*Feather Grass*). Hardy perennial, beautiful, delicate, white, feathery bloom; flowering the second season from seed. The seed is slow to vegetate; 2 feet.....10  
 5919 **Collection** of Grasses, containing one package of each of the above varieties.....\$1.00

**GYPSOPHILA.**

Pretty, free-flowering, elegant plants for rock-work, baskets, edgings, and borders; succeeding in any garden soil.

- 5916 **Gypsophila Paniculata.** White flowers, fine for bouquets; hardy perennial; 2 feet. . . . . 5  
 5915 — **Elegans, Mixed.** Hardy annual. . . . . 5

**HELIOTROPE.**

A half-hardy perennial, flowering during the whole season; its delightful perfume makes it a most desirable bouquet flower; a splendid bedding plant, or can be trained as a greenhouse climber. Seed sown in the spring will make fine plants for summer blooming.

- 5940 **Heliotrope, Mixed.** . . . . . 10  
 5939 **Collection of six sorts.** . . . . . 40

**HELLEBORUS.**

(Christmas Rose.)

- 5943 **Helleborus, Mixed.** Hardy perennial. . . . . 10

**HEATH.**

(Erica.)

Charming plants for house or greenhouse culture. The flowers are borne from bottom to top of the stems, and are of various and delicate shades.

- 5932 **Heath, Cape Species, Mixed.** . . . . . 25

**HOLLYHOCK.****Chater's Superb English Hollyhocks.**

Few hardy plants combine as many good qualities, or lend themselves as readily to varied uses, as the Hollyhock. For planting in rows or groups on the lawn, or for interspersing among the shrubbery, they are invaluable. The flowers form perfect rosettes of the most lovely shades of yellow, crimson, rose, pink, orange, white, etc. It is not surprising that this old favorite should again become popular; for, by careful selection, the flowers have been so much improved, that they are marvels of beauty and elegance. The Hollyhock requires a rich, deep soil, well drained, and will repay in quantity and elegance of bloom any extra care. A slight protection during winter will be beneficial. We make a specialty of Hollyhocks, and the seed we offer is saved from the very best double flowers of pure and bright colors. Seeds sown during the summer make strong blooming plants for the following year.

PER PKT.

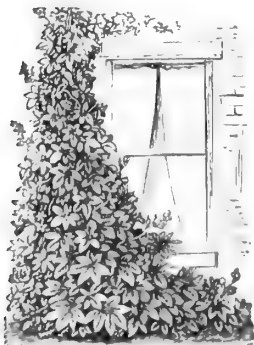
- 5946 **Hollyhock, Double White.** Extra strain of perfectly double pure white flowers. Per oz., \$1.50. . . 15  
 5948 — **Double Yellow.** Comprising the buff, straw color and orange shades. . . . . 15  
 5951 — **Bright Red.** Double. . . . . 15  
 5952 — **Bright Pink.** Double. . . . . 15  
 5950 — **Extra Choice Double, Mixed.** Per oz., \$1.25 . . . . . 10  
 5949 — **Chater's Prize Collection** of 12 varieties, each color separate . . . . . \$1.00

**HUMULUS.**

(Japanese Hop.)

- 5958 **Humulus Japonicus.**

A very ornamental and fast growing climbing plant. The foliage resembles in shape that of the common Hop, is very dense, and in color a lively green. Undoubtedly one of the best climbers for covering verandas, trellises, etc., never suffering from the heat but retains its fresh color until late in the autumn. . . . . 10



HUMULUS JAPONICUS.

**Helianthus.**

(Sunflower.)

Remarkable for the stately growth, size and brilliancy of their flowers, making a very good effect among shrubbery and for screens. Hardy annuals.

PER PKT.

- 5920 **Helianthus Nanus.** Dwarf double orange flowers; 4 feet. Per oz., 30 cts. . . . . 5  
 5922 — **Nanus Variegatus.** Bushy pyramidal-shaped plants; variegated leaves; 4 feet. . . . . 10  
 5921 — **Globosus Fistulosus** (*Globe Sunflower*). Flowers large, double, of a rich saffron color; 6 feet. Per oz., 40 cts. . . . . 5  
 5923 — **Oscar Wilde.** Beautiful golden yellow, with jet black centre; single, 4 feet. . . . . 5  
 5924 — **Cucumerifolius.** Small-flowered dwarf Sunflower. Rich yellow. An abundant bloomer. . . . . 5

**HIBISCUS.**

Showy, ornamental plants, for mixed beds or shrubbery borders, having large-sized, varied and beautiful colored flowers.

- 5944 **Hibiscus Africanus.** Large, cream-colored flowers, with a brown centre; hardy annual; 1½ feet. . . . 5  
 5945 — **Palustris.** Large pink flowers; hardy perennial; 3 feet. . . . . 5

**HONESTY.**

Hardy biennial, admired for its silvery seed pouches, which are used for house ornaments, as they present a beautiful and rather curious appearance.

- 5953 **Honesty** (*Lunaria Biennis*). 2 feet. . . . . 10

**HUMEA.**

A handsome decorative plant, either for pots or gardens, producing drooping pyramids of ruby-red, grass-like florets. It should be grown in light, rich soil; half-hardy biennial; 8 ft.

- 5957 **Humea Elegans.** . . . . . 10

**HYACINTH BEAN.**

A rapid-growing plant, flowering freely in clusters, for covering arbors, trellises, etc. Sow the seed in the garden where desired; tender annual; 10 feet.

- 5770 **Dolichos, Mixed.** Per oz., 15 cts. . . . . 5

**IMPATIENS SULTANA.**

PER PKT.

- 5984 This plant is of compact, neat habit of growth, and almost a perpetual bloomer. Planted out in the open ground at the end of June, it grows luxuriantly, flowers with the greatest profusion. The flowers are of a brilliant rosy-scarlet color, about  $1\frac{1}{2}$  inches in diameter . . . . . 25

**IRIS.**

(Fleur-de-Lis.)

Hardy perennial, tuberous-rooted, early spring blooming garden plants, growing about two feet high, with large ornamental flowers of the richest colors, striped, veined, variegated, upon a lighter ground.

- 5982 **Iris, Mixed** . . . . . 10

**IPOMOPSIS.**

(Standing Cypress.)

One of our most attractive free-flowering plants, with fine foliage; beautiful for conservatory or garden decorations; succeeds in a dry, rich soil, producing long spikes of dazzling colored flowers; half-hardy biennials, blooming the first season if the seed is sown early in the house or hot-bed; 3 feet.

- 5980 **Ipomopsis, Fine Mixed.** Of various orange and scarlet-colored flowers . . . . . 5

**IPOMÆA.**

Tender annuals of rapid growth, with beautiful and varied flowers; for covering old walls, trellises, arbors, or stumps of trees, they are invaluable; 15 feet.

- 5961 **Ipomæa Coccinea.** Small scarlet flowers in profusion; also known as the "*Star Ipomæa*" . . . . . 5  
 5963 — **Bona Nox** (*Evening Glory*). Violet, large, fragrant flowers, expanding in the evening . . . . . 10  
 5967 — **Noctiflora** (*Hybrid Moon Flower*). At night and during dull days the plants are covered with an abundance of large, pure-white, fragrant flowers 5 to 6 inches in diameter. It grows very rapidly, and will cover a large surface. Per oz., \$1.00 . . . . . 10  
 5966 — **Huberi.** New Japanese hybrids; some have silvery-white, marbled foliage, and all with large trumpet-shaped flowers, beautifully margined, of various colors; mixed, all colors. Per oz., 40 cts. . . . . 10  
 5970 — **Mixed.** All colors. Per oz., 30 cts. . . . . 5

**KALANCHOE.**

PER PKT.

- 5903 **Kalanchoe Carneæ.** This beautiful decorative plant commences to flower at Christmas and continues in bloom throughout January and February. Its bright and pleasing color is very attractive during the dull winter months. The flowers are wax-like, last a long time in perfection, are of a beautiful delicate pink color, and, in addition, are deliciously fragrant. . . . . 25

**KAULFUSSIA.**

Desirable compact dwarf free-flowering plants, resembling single Asters; hardy annual; 6 inches.

- 5986 **Kaulfussia, Mixed.** Blue, crimson, rose, etc. . . . . 5

**KENILWORTH IVY.**

A charming small, neat, hardy perennial trailing plant, suitable for baskets, vases, pots and rock-work.

- 5015 **Linaria Cymbalaria.** Lavender and purple. . . . . 10

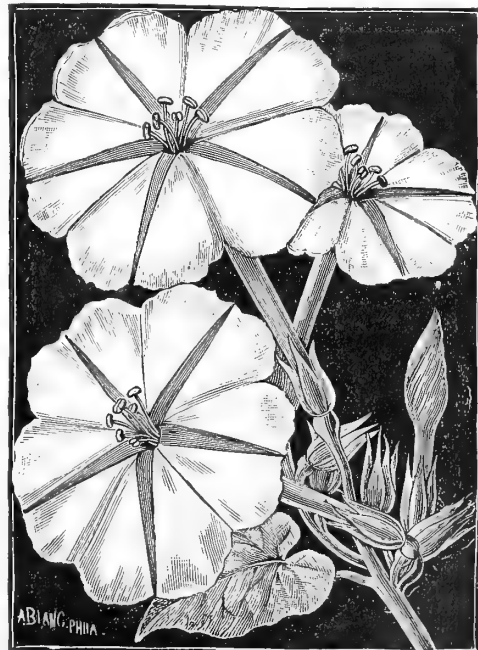
**LAPAGERIA ROSEA.**

- 5991 A fine herbaceous climber, with large elegant tubular bright rose flowers. . . . . 25

**LARKSPUR.**

This is one of the best known of English garden flowers. A vast improvement has been effected, by careful selection and attentive cultivation, in the size and color of the blossoms, and the general habit of the plant. For large gardens, shrubberies, etc., the branching varieties will be found peculiarly well-fitted. Hardy annual.

- 5710 **Larkspur, Double Dwarf Rocket.** Finest mixed; 1 foot. Per oz., 40 cts. . . . . 5  
 5713 — **Double Dwarf Candelabra Flowered.** Shaped like a candelabra; mixed colors; 1 foot. . . . . 10  
 5711 — **Double Stock Flowered.** A tall-branching variety, with beautiful long spikes of flowers; 2 feet. . . . . 5  
 5715 — **Imperiale Flore Pleno** (*Emperor Larkspur*). Of symmetrical bushy habit, with a profusion of brilliant dark blue, red-striped and tri-color flowers;  $1\frac{1}{2}$  feet. . . . . 5  
 5709 **Collection** of Dwarf Rocket Larkspur; 10 varieties . . . . . 50  
 5719 **Collection** of Stock Flowered Larkspur; 8 varieties. . . . . 50



MOON FLOWER.





EVERLASTING PEA.

**LATHYRUS.**

(Everlasting Pea.)

Showy, free-flowering plants, for covering old stumps, fences, etc.; hardy perennials; 5 feet.

- 6010 **Lathyrus Latifolius, Mixed.** Flowers purple and white. Per oz., 60 cts. . . . . 5  
 6008 — **Latifolius Alba.** Pure white, very desirable. .10

**LANTANA.**

One of the most desirable half-hardy perennial greenhouse or bedding plants, constantly in bloom; Verbena-like heads, and changing in hue; 2 to 5 feet.

- 5990 **Lantana, Mixed.** . . . . .10

**LAVIA.**

- 5992 **Lavia Elegans.** A pretty and attractive little hardy annual that ought to be more generally grown, if only for cut-flower purposes. The rays of the flower heads are trifid and bright yellow with white tips. The head is as broad as that of a Marguerite, but it is more bulky, while the rays are much wider and touch one another quite closely all round. A bed or mass of this annual produces a fine effect, owing to the large quantity of bloom produced. .10



LAVIA ELEGANS

**LEPTOSYNE.**

Showy profuse-blooming annual, bearing large yellow flowers resembling a Single Dahlia. It thrives in any good soil and is a very desirable plant.

- 6011 **Leptosyne Maritima.** Large golden yellow. .10

**LINUM.**

One of the most effective and showy bedding plants, of long duration, having fine foliage and delicate stems.

PER PKT.

- 6017 **Linum Coccineum.** Brilliant scarlet crimson; hardy annual; 1 foot. . . . . 5  
 6018 — **Flavum.** Golden yellow perennial. . . . . 5

**LILY OF THE VALLEY.**

- 6016 **Convallaria Majalis.** Lovely spring-blooming plants, bearing pure white fragrant bell-shaped flowers. .10



LOBELIA CRYSTAL PALACE COMPACTA.

**Lobelia.**

The following dwarf and trailing varieties of this popular and beautiful flowering plant will be found most desirable for pot culture, edgings, hanging-baskets, etc., blooming profusely from June to November; half-hardy annuals. The hardy perennial varieties are among the most attractive of our garden favorites, producing beautiful spikes of handsome flowers in the autumn.

**Compacta Varieties.** 4 to 6 inches.

- 6023 **Lobelia, Crystal Palace.** Rich deep blue; the finest for bedding. . . . .10  
 6032 — **Prima-Donna.** A charming novelty. In habit it is very dwarf and compact, with rich velvety crimson maroon flowers. . . . .10  
 6021 — **White Gem.** Forms a perfect ball of snow-white flowers; very charming appearance. . . . .15  
 6024 — **Emperor William.** A very compact variety, with fine sky-blue flowers. . . . .10  
 6029 — **Pearl.** Pure white, edged blue, a lovely flower. .10  
 6030 — **Mixed Compacta Varieties.** . . . . .10

**Lobelia, Erinus Varieties.**

Trailing varieties suitable for hanging-baskets, vases, etc. 6 to 10 inches.

- 6022 **Lobelia Speciosa.** Ultra-marine blue. . . . . 5  
 6025 — **Speciosa Alba.** Pure white. . . . . 5  
 6034 — **Gracilis.** Light blue, spreading. . . . . 5  
 6033 — **Paxtoniana.** Pure white with blue edge. . . . 5  
 6027 — **Duplex.** Double blue. . . . .10

**Lobelia, Perennial Varieties.**

- 6028 **Lobelia Cardinalis (Cardinal flower).** A hardy perennial native variety, with spikes of brilliant scarlet flowers, blooming the first season if sown early; a fine border plant; 3 feet . . . . .10  
 6031 — **Cardinals and Fulgens Hybrids.** Foliage varies from bright green to brown or reddish green. Flowers are large and resemble *Cardinalis*, but are of splendid shades of rose, red, lilac, purple, etc.; in bloom from July to October; hardy perennials; 2 feet. . . . .20

**LOPHOSPERMUM.**

Highly ornamental and effective for the garden or conservatory, with showy, fox-glove-like flowers; requires a light, rich soil; half-hardy annual; 10 feet.

6035 **Lophospermum Scandens.** Rosy purple....10 PER PKT.

**LUPINUS.**

(Sun Dials.)

Ornamental free-flowering easily grown garden plants, with long, graceful spikes of rich and varied-colored pea-shaped flowers; valuable for mixed flower borders and beds. The seeds should be sown where they are to bloom, as they do not transplant well.

6037 **Lupinus, Mixed Annual.** All colors of annual varieties; 2 feet. Per oz., 25 cts..... 5

6038 — **Mixed Perennial.** All colors of hardy perennial varieties; 3 feet..... 5

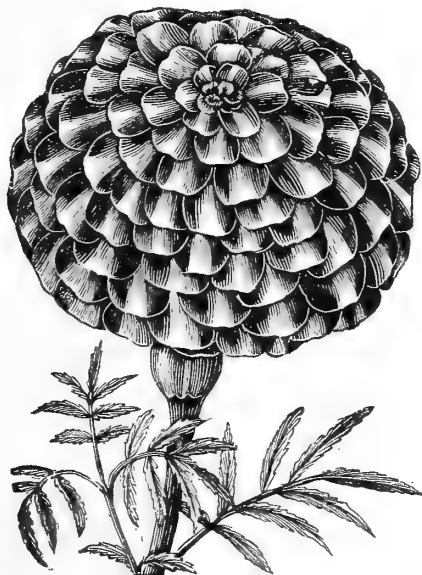
**LYCHNIS.**

Handsome plants of easy culture, growing in any rich garden soil; for massing in beds and borders, blooming the first year if sown early; hardy perennials.

6042 **Lychnis Chalcedonica Coccinea.** Fine scarlet flowers; 2 feet..... 5

5040 — **Haageana, Mixed.** Brilliant orange-scarlet, crimson, etc.; 1 foot.....10

6050 — **Mixed.** All colors and varieties. Per oz., \$1.00. 5



GOLD STRIPED MARIGOLD.

**Marigold.**

A well-known free-flowering plant, of easy culture, with rich and beautiful double various-colored flowers. The African is best for large beds; the French for small beds or as a foreground for taller plants; half-hardy annuals. See also Calendula and Tagetes.

6057 **Gold Striped.** Deep brownish red, striped golden yellow.....10

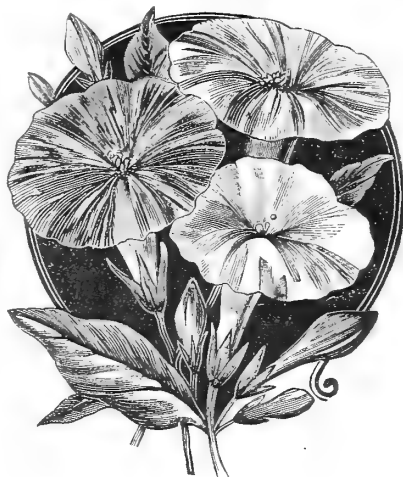
6058 **El Dorado.** Flowers very large, imbricated and extremely double. Colors in all shades of yellow....10

6062 **Gold Nugget.** Dwarf dense growth and immense double flowers, which are of a peculiar shade of golden yellow.....10

6060 **Large African.** Tall, double, orange, brown and yellow, mixed; 2 feet. Per oz. 40 cts..... 5

6070 **Dwarf French.** Fine colors, mixed; very double; 1 foot. Per oz. 50 cts..... 5

6059 **Collection of Dwarf French Marigolds,** 10 varieties.....40



MARVEL OF PERU.

**MARVEL OF PERU.**

The well-known Four O'Clocks. A handsome, free-flowering garden favorite; half-hardy perennial; blooming the first season from seed.

6080 **Marvel of Peru Mixed.** Beautiful colors; 2 feet. Per oz. 15 cts..... 5 PER PKT.

**MALLOWS.**

(Hibiscus Hybridus.)

One of the most desirable perennial plants. The flowers vary in color from pure white to deep rose, and are from 6 to 8 inches in diameter. The plants average 6 feet in height, and present a mass of bloom from early in July till late autumn. Flowers the first season from seed.

5941 **MalloWS Mixed.** Rose and white.....10

**MAIZE.**

(Zea Japonica Variegata.)

6055 **Striped-Leaved Japanese.** Per oz., 15 cts.. 5

**MATRICARIA.**

Free-flowering herbaceous plants, succeeding in any garden soil; a fine bedding plant or for pot-culture; blooms until frost; hardy annual; 18 inches.

5833 **Matricaria Crispa Alba Plena** (Double White *Feverfew*). Handsome double white flowers and densely curled foliage, fine for ribbon beds.....10

**MAURANDIA.**

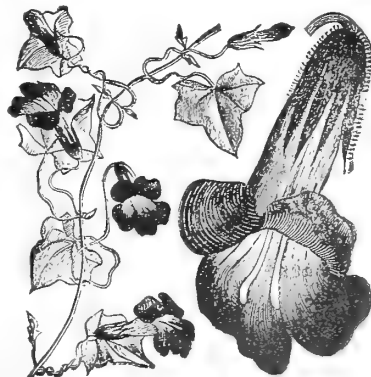
Beautiful, rapid, slender growing plants, blooming profusely until late in the autumn; also fine for the conservatory or greenhouse; if desired for the house take up before the approach of frost. A half-hardy perennial, flowering the first season if sown early; 10 ft.

6085 **Maurandia Albiflora.** Pure white...10

6086 — **Barclayana.** Purple 10

6087 — **Rosea.** Dark rose...10

6090 — **Mixed.** All colors...10



MAURANDIA BARCLAYANA.

# Mignonette.

A well-known fragrant favorite. If the plants are thinned out they will grow stronger and produce larger spikes of flowers; fine for pot or garden culture, and can be had during the whole year by sowing at intervals; hardy annuals.

- PER PKT.
- 6100 **Mignonette Sweet-Scented** (*Odorata*). The old variety with small spikes. Per oz. 15 cts. .... 5
- 6101 — **Large-Flowering Pyramidal**. Flowers large, of a reddish tint. Per oz. 30 cts. .... 10
- 6098 — **Gabrielle**. A very pretty sort, bearing large spikes of red flowers. .... 10
- 6106 — **Golden Queen**. Golden yellow flowers of dense pyramidal growth. Per oz. 50 cts. .... 10
- 6102 — **Parson's White**. Large spikes, pure white and very fragrant. Per oz. 50 cts. .... 10
- 6105 — **Miles' Hybrid Spiral**. Of dwarf branching habit, with spikes from 8 to 10 inches long, very fragrant; excellent for market purposes. Per oz. 50 cts. .... 10
- 6103 — **Dwarf Compact**. A dwarf robust variety, 10 inches high and 18 inches in diameter, covered with large spikes of reddish-tinted flowers. .... 10



MACHET MIGNONETTE.

- 6108 — **"Machet."** Well adapted for pot culture; dwarf pyramidal growth, bearing numerous flower stalks; one of the best. Per oz. 75 cts. .... 10
- 6099 — **Red Victoria**. A distinct variety of dwarf branching habit, with large trusses of deep red flowers. 10
- 6109 **Collection** of 10 varieties Mignonette. .... 50

## MIMULUS.

(Monkey Flower.)

Showy, profuse flowering plants, comprising numerous varieties, with white, sulphur, and yellow grounds, spotted with crimson, scarlet, and pink, fine for greenhouse, or moist, shady situations; half-hardy perennials; blooming the first year from seed if sown early; 1 foot

- 6111 **Mimulus**. Fine mixed spotted varieties. .... 10
- 6113 — **Moschatus** (*Musk Plant*). Fine for hanging baskets, etc.; small yellow flowers, fragrant foliage. .... 10

## MESEMBRYANTHEMUM.

Dwarf trailing plants of great beauty, blooming the whole summer, thriving best in a dry, loamy, or sandy soil, requiring a warm, sunny situation; half-hardy annuals; 6 inches.

- 6092 **Mesembryanthemum Crystallinum** (*Ice Plant*). Flowers white; prized for its singular icy foliage. Per oz. 50 cts. .... 5
- 6093 — **Tricolor** (*Wax Plant*). Various colors. .... 5
- 6094 — **Cordifolium Variegatum**. A half-hardy perennial trailing variety, with handsome variegated foliage, and bright rosy-colored flowers. .... 10



MINA LOBATA.

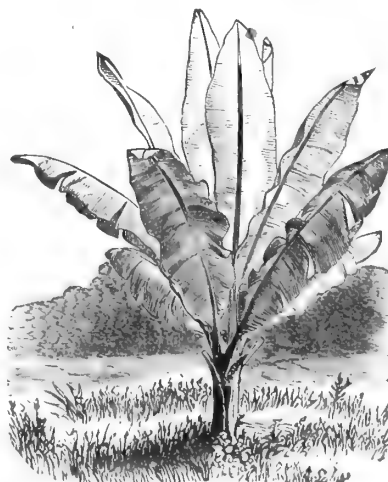
## MINA LOBATA.

PER PKT.

- 6115 Half-hardy Mexican climbing annual. The buds are, at first, of a vivid red, but turn to orange yellow immediately before they open, and when fully expanded the flowers are of a creamy white shade. They are freely produced from the base to the summit of the plant, which attains a height of from 18 to 20 feet, and constitutes a strikingly beautiful object. Seed should be sown in January or February. .... 10

## MIMOSA PUDICA.

(See Sensitive Plant.)



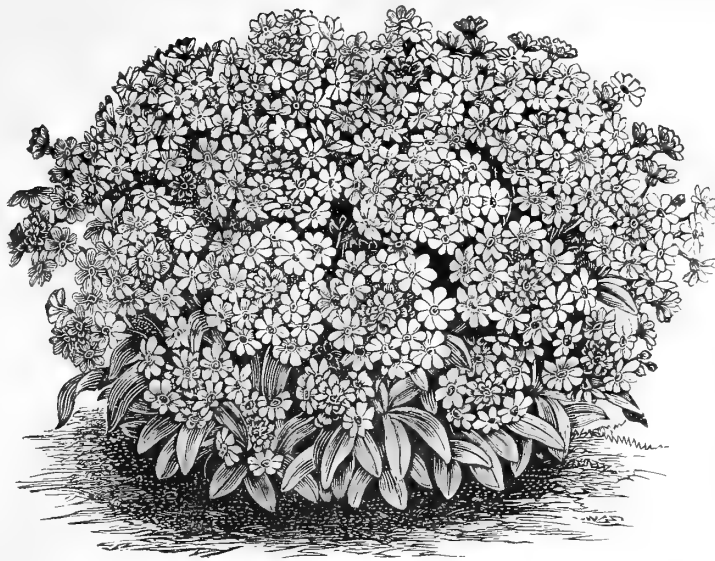
MUSA ENSETE.

## Musa.

(Abyssinian Banana.)

A splendid plant for the open air in summer, producing a most striking effect when planted singly or in groups. In our hot summers it luxuriates and attains gigantic proportions when freely supplied with manure and water. The seeds germinate easily if started in hot-bed or bottom heat in greenhouse.

- 6131 **Musa Ensete** (*Abyssinian Banana*). Tender perennial, 10 to 20 feet. .... 25



MYOSOTIS ALPESTRIS VICTORIA.

## MYOSOTIS.

(Forget-me-not.)

Neat and beautiful little plants with star-like flowers; succeeding best in a shady, moist situation; half-hardy perennials; blooming the first year from seed if sown early.

- |      |                                    |                                                                                                         |             |
|------|------------------------------------|---------------------------------------------------------------------------------------------------------|-------------|
| 6121 | <b>Myosotis Alpestris Cœrulea.</b> | Bright blue; 6 inches.....                                                                              | PER PKT. 10 |
| 6122 | — <b>Alpestris Alba.</b>           | Pure white; 6 inches.....                                                                               | 10          |
| 6127 | — <b>Eliza Fanrobert.</b>          | New, large-flowering, bright blue; remarkably fine and distinct.....                                    | 15          |
| 6128 | — <b>Alpestris Victoria.</b>       | Of bushy habit, bearing large bright azure-blue flowers; very fine.....                                 | 15          |
| 6130 | — <b>Nana Aurea.</b>               | Of dwarf habit, foliage golden yellow, which contrasts prettily with its rich blue flowers.....         | 15          |
| 6125 | — <b>Dissitiflora.</b>             | Compact habit, profuse bloomer; exquisite blue; an attractive bedding plant; 6 inches.....              | 15          |
| 6123 | — <b>Palustris.</b>                | The true Forget-me-not; beautiful blue flowers; 6 inches.....                                           | 10          |
| 6126 | — <b>Palustris Semperflorens.</b>  | A charming dwarf Forget-me-not, continuing in bloom from early spring until autumn; blue; 8 inches..... | 15          |

## MOMORDICA.

(Balsam Apple.)

Very curious trailing vines, with ornamental foliage, fruit golden yellow, warted, and when ripe opens, showing the seeds and its brilliant carmine interior; fine for rock-work, stumps, etc.; half-hardy annual; 10 feet.

- |      |                                                       |                                                                                                                                                                                                                        |    |
|------|-------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| 6116 | <b>Momordica Balsamina.</b>                           | Apple-shaped fruit. Per oz., 50 cts.....                                                                                                                                                                               | 5  |
| 6117 | — <b>Charantia.</b>                                   | Pear-shaped fruit. Per oz., 50 cts. 5                                                                                                                                                                                  |    |
| 6119 | — <b>Involucrata</b> ( <i>New red Balsam Apple</i> ). | A beautiful new variety with bright green deeply cut foliage, flowers creamy white, dotted with black; followed by sulphur yellow fruits, changing to scarlet, which burst when ripe, showing the blood-red seeds..... | 10 |

## MYRSIPHYLLUM.

(Smilax.)

In many respects the Smilax is the most useful, and it is certainly one of the most graceful climbers which adorn the greenhouse or conservatory; for bouquets and floral decoration it is indispensable. Soak the seed in warm water twelve hours and plant in pots, in hot-bed or greenhouse, in February, and keep in moist place. Tender perennial climber; white; 10 feet.

**Myrsiphyllum Asparagoides.** Per oz., \$1.00... 10

## MORNING GLORY.

(See Convolvulus and Ipomœa.)

## OSTROWSKIA.

(Giant Bellflower.)

A charming hardy Campanula. It forms a bush four to five feet high, which is covered with large, bell-shaped flowers of a rich dark blue shading to lilac.

PER PKT.

- |      |                                   |    |
|------|-----------------------------------|----|
| 6210 | <b>Ostrowskia Magnifica</b> ..... | 25 |
|------|-----------------------------------|----|

## OXALIS.

Beautiful small plants, suitable for the greenhouse, rock-work, baskets, or outdoor culture; flowering the first year if sown early; blooms in clusters; half-hardy perennial; 9 inches.

- |      |                        |                                                                           |    |
|------|------------------------|---------------------------------------------------------------------------|----|
| 6206 | <b>Oxalis Alba.</b>    | Pure white.....                                                           | 10 |
| 6207 | — <b>Rosea.</b>        | Rose-colored.....                                                         | 10 |
| 6208 | — <b>Tropœoloides.</b> | Very desirable border plant, flowers deep yellow, foliage dark green..... | 10 |
| 6209 | — <b>Valdiviana.</b>   | Pure yellow.....                                                          | 10 |

## ÆNOTHERA.

(Evening Primrose, or Sun Drops.)

Large showy fragrant flowers in various colors.

- |      |                                   |   |
|------|-----------------------------------|---|
| 6204 | <b>Ænothera, Fine Mixed</b> ..... | 5 |
|------|-----------------------------------|---|

## PASSIFLORA.

(Passion Flower.)

Indispensable climbing plants for the garden or greenhouse, bearing a profusion of attractive flowers.

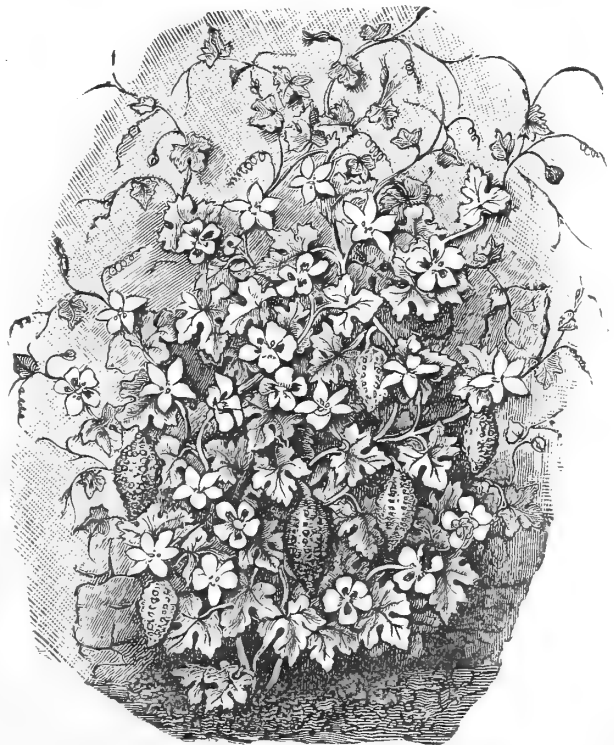
- |      |                                        |                                                                                                                                               |    |
|------|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|----|
| 6250 | <b>Passiflora Mixed.</b>               | Choice varieties.....                                                                                                                         | 20 |
| 6248 | — <b>Insignis</b> ( <i>Tacsonia</i> ). | Remarkable for its magnificent flowers, which measure from 6 to 8 inches across; color crimson purple; filaments blue mottled with white..... | 25 |

## PARDANTHUS.

(Blackberry Lily.)

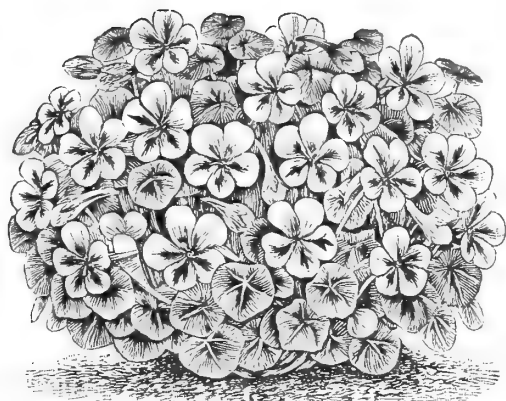
A hardy perennial bearing showy lily-like flowers.

- |      |                                             |    |
|------|---------------------------------------------|----|
| 6254 | <b>Yellow, Red and Orange Spotted</b> ..... | 10 |
|------|---------------------------------------------|----|



MOMORDICA INVOLUCRATA.





DWARF NASTURTIUM.

### Dwarf Nasturtium.

The dwarf or **Tom Thumb** varieties are all desirable, and are among our most popular plants, standing any amount of heat and drought, growing vigorously and flowering freely all summer and fall; excellent for massing and ribboning, doing well even in poor soil; hardy annuals; 1 foot.

|                                                                                               | PER OZ. | PKT. |
|-----------------------------------------------------------------------------------------------|---------|------|
| 6136 <b>Beauty.</b> Yellow and red.....                                                       | 25      | 5    |
| 6154 <b>Cloth of Gold.</b> Scarlet flowers and yellow foliage.....                            | 40      | 10   |
| 6153 <b>Empress of India.</b> The very best variety for florists; flowers bright crimson..... | 40      | 10   |
| 6146 <b>Crystal Palace, Gem.</b> Sulphur yellow, spotted maroon.....                          | 25      | 5    |
| 6147 <b>King of Tom Thumbs.</b> Scarlet.....                                                  | 25      | 5    |
| 6152 <b>King Theodore.</b> Black.....                                                         | 30      | 5    |
| 6155 <b>Lady Bird.</b> Orange, red spots.....                                                 | 40      | 10   |
| 6143 <b>Pearl.</b> Creamy white.....                                                          | 25      | 5    |
| 6145 <b>Rose.</b> Rose tinted.....                                                            | 25      | 5    |
| 6151 <b>Ruby King.</b> Pink, shaded carmine.....                                              | 30      | 5    |
| 6141 <b>Scarlet.</b> .....                                                                    | 25      | 5    |
| 6142 <b>Yellow.</b> .....                                                                     | 25      | 5    |
| 6150 <b>Mixed.</b> All colors. Per lb. \$1.75.....                                            | 20      | 5    |
| 6149 <b>Collection of Dwarf Nasturtiums, 12 varieties, each color separate.</b> .....         | 50      |      |



TALL NASTURTIUMS.

### NEMOPHILA.

Of neat, compact habit; blooming freely all summer if planted in a rather cool, shady place, and in not too rich a soil; hardy annuals.

6180 **Nemophila.** Mixed varieties. Per oz. 30 cts. .... 5

### NICOTIANA.

A very pretty large flowering species of Tobacco. An effective plant for groups; half hardy annual.

6192 **Nicotiana Affinis.** Rosy blush. Sweet scented; 2 feet...10

6193 — **Colossea.** New giant, immense foliage ..... 25

### NIEREMBERGIA.

A half-hardy perennial, slender growing plant, perpetually in bloom, flowering the first year if sown early; desirable for the greenhouse, baskets, vases or bedding out; 1 foot.

6195 **Nierembergia Frutescens.** White, tinted with lilac...10

### NIGELLA.

(Love in a Mist, or Devil in the Bush.)

A compact, free-flowering plant, with finely-cut foliage, curious-looking flowers and seed pods; of easy culture, growing in any garden soil; hardy annuals; 1 foot

6200 **Nigella Damascena.** Blue and white mixed..... 5

## NASTURTIUM.

### Tall Varieties.

Elegant profuse flowering plants for verandas, trellises, etc., bearing their gorgeous flowers in profusion until killed by frost. The seed pods can be gathered while green and tender, for pickling; half-hardy annuals: 6 to 10 feet.

|                                    | PER OZ. | PKT. |
|------------------------------------|---------|------|
| 6156 <b>Tall Crimson.</b> .....    | 20      | 5    |
| 6158 — <b>Chocolate.</b> .....     | 20      | 5    |
| 6157 — <b>King Theodore.</b> ..... | 25      | 5    |
| 6175 — <b>Lemon Yellow.</b> .....  | 20      | 5    |
| 6162 — <b>Orange.</b> .....        | 20      | 5    |
| 6164 — <b>Pearl, White.</b> .....  | 30      | 5    |
| 6161 — <b>Purple.</b> .....        | 20      | 5    |
| 6166 — <b>Rose.</b> .....          | 20      | 5    |
| 6167 — <b>Scarlet.</b> .....       | 20      | 5    |

|                                                                                                  |    |   |
|--------------------------------------------------------------------------------------------------|----|---|
| 6163 <b>Tall Straw.</b> Striped scarlet.....                                                     | 20 | 5 |
| 6168 — <b>Yellow.</b> Spotted crimson.....                                                       | 20 | 5 |
| 6169 — <b>Scarlet and Gold.</b> Foliage bright golden yellow; flowers scarlet; very effective... | 10 |   |
| 6160 <b>Tall Mixed.</b> All colors. Per oz. 15 cts.; per lb. \$1.25.....                         | 5  |   |
| 6159 <b>Collection of Climbing Nasturtiums, 12 varieties.</b> .....                              | 50 |   |

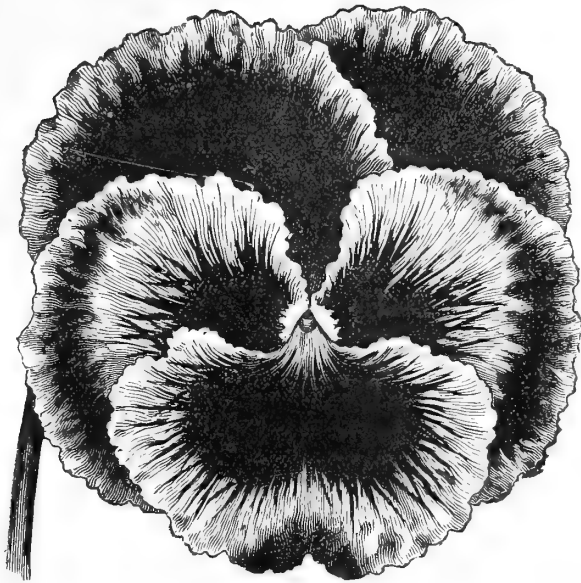
### Lobbs' Nasturtiums.

The brilliance and profusion in blooming of the Lobbianum varieties render them superior for greenhouse or conservatory decoration in winter; also for trellises, arbors and vases, etc., in summer; half-hardy annuals; 6 to 10 feet.

|                                                     |    |  |
|-----------------------------------------------------|----|--|
| 6171 — <b>Brilliant.</b> Rich scarlet.....          | 10 |  |
| 6165 — <b>Spitfire.</b> Crimson.....                | 10 |  |
| 6172 — <b>Roi des Noirs.</b> Black.....             | 10 |  |
| 6173 — <b>Triomphe de Gand.</b> Orange scarlet..... | 10 |  |
| 6174 — <b>Asa Gray.</b> New primrose yellow.....    | 15 |  |
| 6170 <b>Finest Mixed.</b> .....                     | 10 |  |



LOBBS' NASTURTIUMS.



DREER'S ROYAL EXHIBITION.

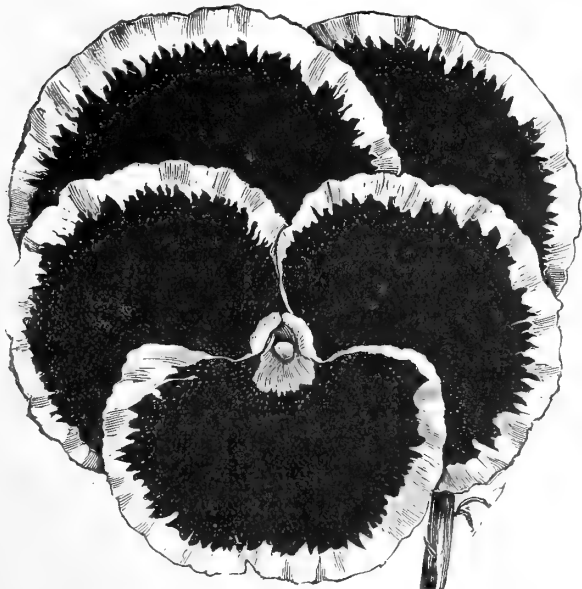
### DREER'S ROYAL EXHIBITION PANSY.

This strain comprises a beautiful collection of colors and markings; and we are confident it will prove satisfactory for perfection of form, firmness of texture, freedom of bloom and elegance of coloring. Florists and amateurs desiring charming "show" flowers should not neglect the strain herein offered, as it is the result of many years' careful selection and hybridization, and embraces all the attractive features that tend to make the Pansy the people's flower. To prevent failure we offer the following method for sowing the seed: Select a good piece of ground, dig and rake thoroughly and evenly, scatter the seed on the surface and cover thinly by sieving over it some rich soil, pat gently with a piece of board or the back of a spade, give a thorough watering, and shade during the middle of the day.

No. 6238.—Per pkt., 50 cts.;  $\frac{1}{2}$  oz., \$1.00.

### DREER'S PREMIUM PANSY.

6220 Seed saved from first-class flowers only; beautiful colors mixed. This is a very fine strain which we keep up to grade.  $\frac{1}{2}$  oz. 75 cts. .... 25

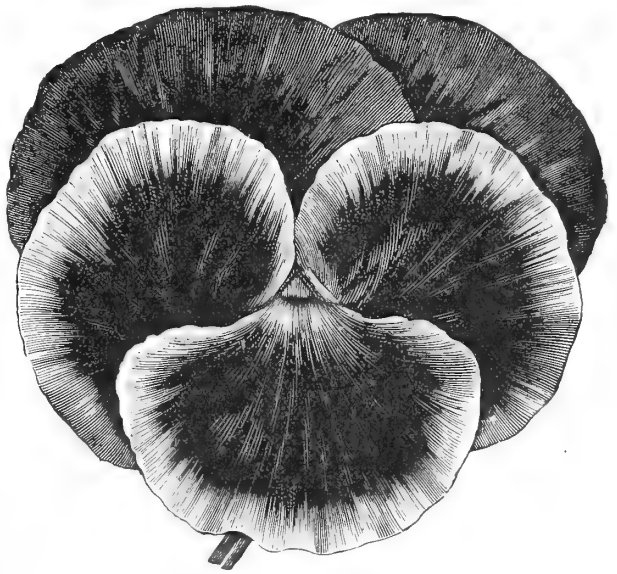


ODIER, OR FIVE-BLOTCHED.

## PANSIES.

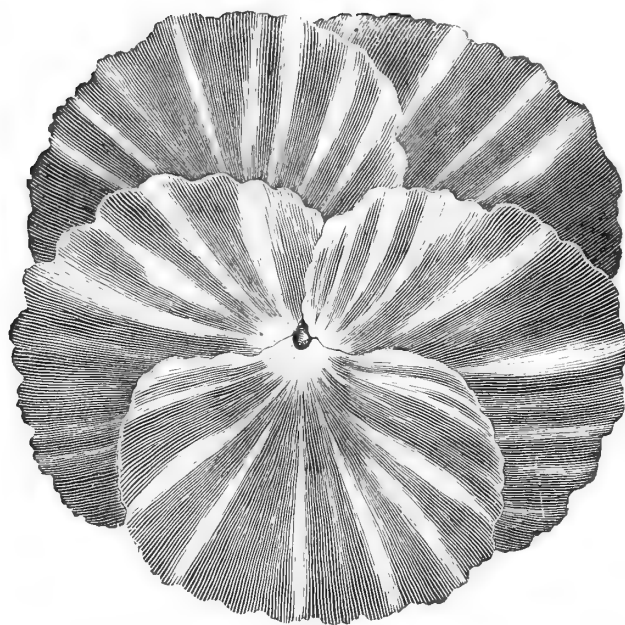
This attractive plant is too well known to require any description, as it is a favorite with all; the seed can be sown from September to March. The best plants are obtained from seed sown in the autumn, and protected during winter; these flower early in the spring. The plants from spring sowing should be planted in a shady border; they produce fine large flowers in the autumn. Pansies require fresh soil, enriched with decomposed manure.

- |                                                                                                                                                                 |          |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
|                                                                                                                                                                 | PER PKT. |
| 6222 <b>Odier (Five-blotched).</b> A beautiful strain of various colored large, handsome, perfectly formed flowers, dark spots on each petal. ....              | 25       |
| 6217 <b>French Large Stained.</b> Very beautifully marked varieties in finest mixture, from a celebrated French grower. ....                                    | 25       |
| 6216 <b>Bugnot's Superb Blotched.</b> A beautiful new class with extra large flowers in great diversity of colors. ....                                         | 50       |
| 6242 <b>Belgian Striped.</b> A lovely class bearing beautiful flowers of various shades and stripes. ....                                                       | 15       |
| 6221 <b>Emperor William.</b> Large handsome flowers borne in great profusion well above the foliage, brilliant ultramarine blue, with a purple violet eye. .... | 10       |
| 6231 <b>Lord Beaconsfield.</b> A splendid sort; flowers deep purple violet, shading to white on the upper petals. ....                                          | 10       |



PEACOCK PANSY.

- |                                                                                                                                                                                                                                                                                   |        |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|
| 6218 <b>Peacock.</b> A striking variety; the form and substance of the flower is very perfect, the upper petals being of a beautiful ultramarine blue, resembling in shade the peacock feather, while the lateral and lower petals are of a deep claret, with white margins. .... | 25     |
| 6223 <b>Faust (King of the Blacks).</b> Almost black, the darkest pansy known. ....                                                                                                                                                                                               | 10     |
| 6228 <b>Snow Queen.</b> Very large, satiny white, light yellow centre. ....                                                                                                                                                                                                       | 15     |
| 6233 <b>Gold Margined.</b> All colors. ....                                                                                                                                                                                                                                       | 10     |
| 6236 <b>Havana Brown.</b> ....                                                                                                                                                                                                                                                    | 10     |
| 6232 <b>Mahogany Colored.</b> ....                                                                                                                                                                                                                                                | 10     |
| 6225 <b>Light Blue.</b> ....                                                                                                                                                                                                                                                      | 10     |
| 6224 <b>Purple.</b> Rich purple, white edged. ....                                                                                                                                                                                                                                | 10     |
| 6227 <b>White.</b> ....                                                                                                                                                                                                                                                           | 10     |
| 6226 <b>Yellow.</b> ....                                                                                                                                                                                                                                                          | 10     |
| 6241 <b>Yellow Gem.</b> Pure yellow, without eye. ....                                                                                                                                                                                                                            | 15     |
| 6243 <b>Bronze Colored.</b> ....                                                                                                                                                                                                                                                  | 15     |
| 6230 <b>Best Imported Mixed.</b> Per oz., \$3.00. ....                                                                                                                                                                                                                            | 15     |
| 6240 <b>Good Mixed.</b> All colors. Per oz., \$1.50. ....                                                                                                                                                                                                                         | 10     |
| 6239 <b>Collection of Pansies, 12 choice varieties, imported, each color separate.</b> ....                                                                                                                                                                                       | \$1.00 |



NEW GIANT STRIPED PANSY.

**GIANT PRIZE PANSIES.**

This is a new and very desirable class, an improvement on the Giant Trimardeau. The plants are of compact, robust and free flowering habit, flowers of very large size, measuring up to 4 inches in diameter, circular in form and of good substance, with thick velvety petals, and in great variety of color.

- |                                                                                                                                                                                                                                                                      | PER PKT. |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| 6244 <b>Giant Striped.</b> A fine new class of striped Pansies which bear large and beautiful flowers of perfect form and brilliant shading. The blooms are exquisitely streaked with soft, clear shades of color, and are a decided advance on the Belgian striped. | 25       |
| 6229 <b>Giant Victoria.</b> A beautiful, brilliant red flowering variety, possessing sterling merit. The flowers are of large size and perfect in form. In color it surpasses all other red sorts, and is in all respects the best of its class.                     | 25       |
| 6255 — <b>Black</b>                                                                                                                                                                                                                                                  | 25       |
| 6256 — <b>Yellow</b>                                                                                                                                                                                                                                                 | 25       |
| 6257 — <b>White</b>                                                                                                                                                                                                                                                  | 25       |
| 6258 — <b>Mixed</b>                                                                                                                                                                                                                                                  | 25       |

**PLATYCODON GRANDIFLORUM.**

(Wahlenbergia.)

A hardy perennial, producing very showy flowers during the whole season. They form large clumps, and are excellent for planting among shrubbery.

- |                                                |    |
|------------------------------------------------|----|
| 6360 <b>Platycodon, Mixed.</b> Blue and white. | 10 |
|------------------------------------------------|----|

**POLYANTHUS.**

(Primula Elatior.)

Showy, early spring free-flowering plants, fine for either pot or out-door culture; hardy perennials; 9 inches.

- |                                                                     |    |
|---------------------------------------------------------------------|----|
| 6362 <b>Polyanthus, English.</b> The best single, all colors mixed. | 10 |
| 6363 — <b>Duplex.</b> Double hose-in-hose, beautiful colors mixed.  | 25 |
| 6364 — <b>Gold Laced.</b> Very showy and attractive.                | 20 |

**PERILLA.**

The foliage of this plant is exceedingly elegant, of a very dark purple color, and produces a charming contrast with silvery-leaved plants; growing freely in any soil; half-hardy annual; 1½ feet.

- |                                  |   |
|----------------------------------|---|
| 6265 <b>Perilla Nankinensis.</b> | 5 |
|----------------------------------|---|

**PORTULACA.**

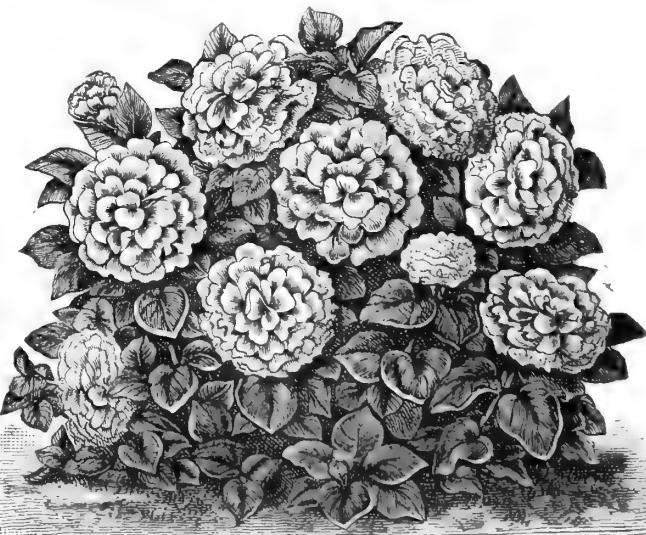
One of our finest hardy annual plants, of easy culture, thriving best in a rather rich, light loam, or sandy soil, and luxuriating in an exposed sunny situation; the flowers are of the richest shades of color, and produced throughout the summer in great profusion; fine for massing in beds, edgings, or rock-work; 6 inches.

- |                                                                                                                 | PER PKT. |
|-----------------------------------------------------------------------------------------------------------------|----------|
| 6401 <b>Single White</b>                                                                                        | 5        |
| 6403 — <b>Scarlet</b>                                                                                           | 5        |
| 6404 — <b>Gold Striped</b>                                                                                      | 5        |
| 6405 — <b>Pink</b>                                                                                              | 5        |
| 6406 — <b>Orange</b>                                                                                            | 5        |
| 6400 — <b>Mixed Colors.</b> Per oz. 40 cts.                                                                     | 5        |
| 6410 <b>Double Mixed.</b> Flowers perfectly double, of the most brilliant scarlet, crimson, white, yellow, etc. | 10       |
| 6409 <b>Imported Collection</b> of 8 double varieties.                                                          | 75       |

**PETUNIA.**

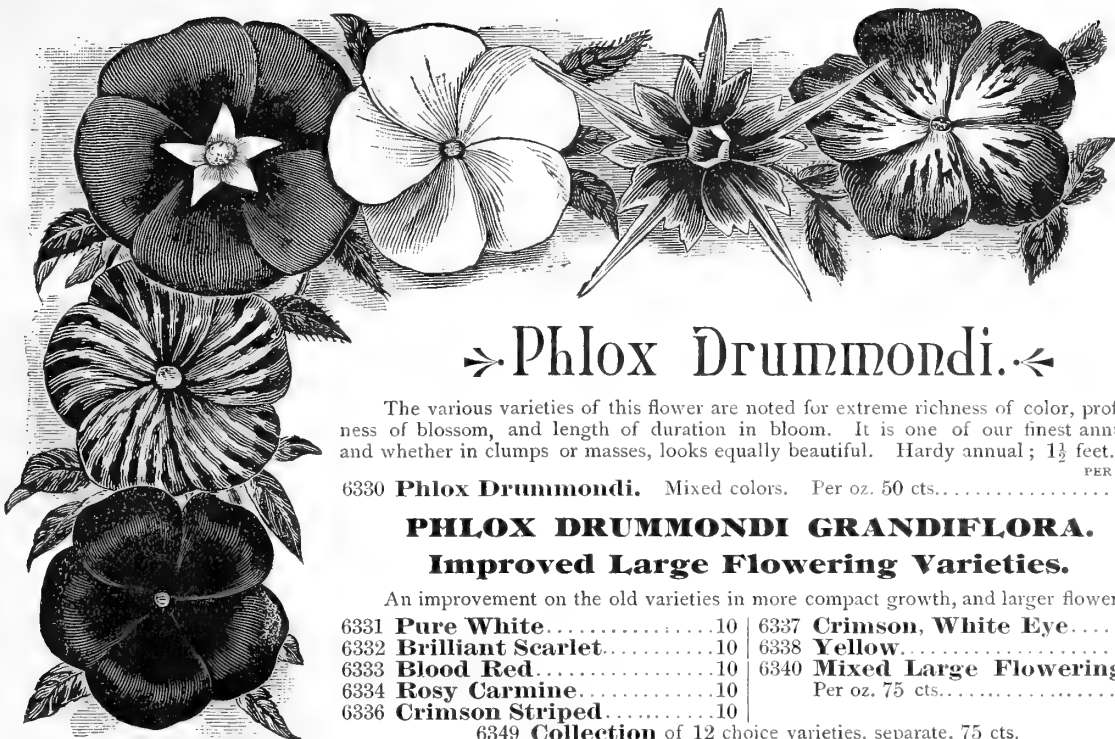
For out-door decoration or house culture few plants are equal to this class. They commence flowering early, and continue a mass of bloom throughout the whole season, until killed by frost; easily cultivated, requiring rich soil and a sunny situation. Of late years the single-striped, mottled and double varieties have been greatly improved. The strains we offer of our own growing, we can safely say without contradiction, are the best that can be procured either in this country or in Europe.

- |                                                                                                                                                                                              |    |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| 6284 <b>Dreer's Double Large Flowering.</b> Beautiful varieties in finest mixture.                                                                                                           | 25 |
| 6280 <b>Dreer's Double Fringed.</b> Saved from our own unrivaled collection; will produce a large percentage of double flowers of the largest fringed varieties, in bright colors and tints. | 50 |



DOUBLE LARGE FLOWERING PETUNIA.

- |                                                                                                                                                              |        |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|
| 6290 <b>Dreer's Single Large Flowering Fringed.</b> The finest strain of mottled, spotted, and striped large-flowering varieties, of beautiful shades mixed. | 25     |
| 6285 <b>Large Flowered Yellow Throat.</b> Flowers very large and of perfect form, with a broad deep yellow throat, veined.                                   | 50     |
| 6275 <b>Dwarf Inimitable.</b> Star Petunia, beautiful compact growing variety, flowers cherry red with a white centre.                                       | 10     |
| 6274 <b>Pure White, Single.</b> Desirable for cemetery beds, or where large masses of white are wanted.                                                      | 10     |
| 6300 <b>Striped and Blotched, Mixed.</b> All colors Per oz. \$1.50.                                                                                          | 10     |
| 6310 <b>Fine Mixed.</b> Good varieties. Per oz. 75 cts.                                                                                                      | 5      |
| 6299 <b>Collection of Petunia, Large-flowering Single,</b> 12 varieties.                                                                                     | \$1.00 |
| 6309 <b>Collection of Petunia, Double Fringed,</b> 12 varieties.                                                                                             | \$1.25 |



## ➤ Phlox Drummondii. ◀

The various varieties of this flower are noted for extreme richness of color, profuseness of blossom, and length of duration in bloom. It is one of our finest annuals, and whether in clumps or masses, looks equally beautiful. Hardy annual; 1½ feet.

PER PKT.

6330 **Phlox Drummondii.** Mixed colors. Per oz. 50 cts. . . . . 5

### PHLOX DRUMMONDI GRANDIFLORA.

#### Improved Large Flowering Varieties.

An improvement on the old varieties in more compact growth, and larger flowers.

|                                           |                                            |
|-------------------------------------------|--------------------------------------------|
| 6331 <b>Pure White.</b> . . . . . 10      | 6337 <b>Crimson, White Eye.</b> . . . . 10 |
| 6332 <b>Brilliant Scarlet.</b> . . . . 10 | 6338 <b>Yellow.</b> . . . . 10             |
| 6333 <b>Blood Red.</b> . . . . 10         | 6340 <b>Mixed Large Flowering.</b>         |
| 6334 <b>Rosy Carmine.</b> . . . . 10      | Per oz. 75 cts. . . . . 10                 |
| 6336 <b>Crimson Striped.</b> . . . . 10   |                                            |

6349 **Collection** of 12 choice varieties, separate, 75 cts.

## New Dwarf Phlox.

(*Phlox Drummondii nana compacta.*)

This new strain is of a dwarf, compact habit and makes desirable pot plants, also for ribbon lines and massing; 10 inches in height.

|                                                                                                                                                                                                                                                  |          |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| 6343 <b>Dwarf Scarlet</b> ( <i>Fireball</i> ). . . . . 10                                                                                                                                                                                        | PER PKT. |
| 6345 — <b>White</b> ( <i>Snowball</i> ). . . . . 10                                                                                                                                                                                              |          |
| 6346 — <b>Fair Maid.</b> Delicate fleshy pink, shading to a rich crimson in the centre. . . . . 15                                                                                                                                               |          |
| 6347 — <b>Rose</b> . . . . . 10                                                                                                                                                                                                                  |          |
| 6350 — <b>Mixed.</b> Per oz. \$4.00. . . . . 10                                                                                                                                                                                                  |          |
| 6359 <b>Collection</b> of 6 choice Dwarf varieties. . . . . 50                                                                                                                                                                                   |          |
| 6351 <b>New Star-shaped Phlox</b> ( <i>Star of Quedlinburgh</i> ). Of dwarf habit, with very pretty star-shaped flowers. A novel and beautiful variety; mixed colors. . . . 10                                                                   |          |
| 6354 <b>Double White Phlox Drummondii.</b> A profuse bloomer, and of great value for bouquets, as it blooms at a season when white flowers are especially desirable. About 60 per cent. of the seed sown will produce double flowers. . . . . 15 |          |
| 6353 <b>Double Scarlet Phlox Drummondii.</b> More compact than the single flowered, while the trusses and the individual flowers are equal in size to those of the dwarf varieties. . . . . 15                                                   |          |
| 6355 <b>Phlox Decussata.</b> Hardy herbaceous perennials; all colors, mixed. . . . . 10                                                                                                                                                          |          |

### PHACELIA.

A curious and interesting hardy annual plant of easy culture, good for bee food. The flowers are produced on racemes; 2 feet.

6317 **Phacelia Campanularia.** A very attractive plant of spreading habit, covering about a foot of ground. Large, rich, deep blue funnel-shaped flowers. 10

### PENTSTEMON.

One of our most beautiful and attractive herbaceous plants; bearing long, graceful spikes of rich-colored flowers; will bloom the first season if sown early in March, and planted out in May; half-hardy perennials; 2 feet.

6260 **Pentstemon, Mixed.** Crimson, purple, etc. . . 10

### PINKS.

(See *Dianthus* and *Carnation*.)

### PHYSIANTHUS.

(*Cruel Plant*.)

A rapid growing climber, bearing bell-shaped flowers which are covered with a gummy substance. Butterflies and other insects which alight thereon are unable to free themselves.

6358 **Physianthus Albens.** Pure white. . . . . 10



PHYSIANTHUS ALBENS (CRUEL PLANT).



# POPPIES.

Very showy, free blooming and easily cultivated plants, with large brilliant colored flowers, growing freely in any garden soil, and producing a fine effect in large clumps or mixed beds. Sow early in the spring where they are to remain, as they will not bear transplanting; 1 to 2½ feet.

## SINGLE ANNUAL POPPIES.

- 6372 **Poppy Danebrog.** A very desirable and showy novelty, producing large single flowers of a brilliant scarlet, with a large silvery-white spot on each petal, thus forming a white cross. . . . . 10
- 6384 **Shirley Poppies.** These charming Poppies are generally single or semi-double. The range of color, extending from pure white through the most delicate shades of pale pink, rose and carmine to deepest crimson, is so varied that scarcely two are alike, while many are delicately edged and striped. The blooms, if cut when young, will stand for several days without drooping. . . . . 10
- 6374 **Poppy Umbrosum.** A new variety, producing flowers of the richest vermillion, with a deep shining black spot on each petal. 10
- 6373 — **English Scarlet.** The common field poppy of Great Britain, dazzling scarlet flowers. . . . . 5
- 6375 **Peacock.** With a conspicuous glossy black zone near the centre. Very large vivid scarlet and cherry crimson flowers. . . 10
- 6376 **Fire Dragon.** Very showy and free flowering, producing flowers of brilliant deep scarlet, with black spots margined white. 2 to 2½ ft. . . 10
- 6388 — **The Bride.** A beautiful new variety with very large, pure white, perfectly formed flowers. If cut when barely expanded and put in water they will last a long time. . . . . 10
- 6380 **Single Mixed.** Annual sorts. . . . . 5
- 6389 **Imported Collection** of 12 separate varieties. . . . . 50



SHIRLEY POPPY.

## DOUBLE ANNUAL POPPIES.

- 6378 **Poppy Crimson King.** Brilliant crimson flowers, perfectly double and round as a ball. A charming effect can be made by sowing this variety and Snowdrift together. . . . . 10
- 6386 — **Fairy Blush.** Very double flowers of a pure white color, elegantly fringed and tipped with rose. 10
- 6387 — **White Swan.** A splendid new variety with immense double flowers, beautifully fringed and of purest white. . . . . 10
- 6382 — **"Mikado"** (*The New Striped Japanese Poppy*). This beautiful Poppy is very distinct in character and color from other forms. The flowers are brilliant scarlet and white, with elegantly-curved petals, like a Japanese Chrysanthemum, the fringed edges being of a beautiful crimson scarlet. . . . . 10
- 6377 — **Snowdrift.** Flowers pure snow-white, very double, of large size and perfectly round. This is the very best double white variety yet offered. . . . . 10
- 6371 — **Carnation Flowered.** Splendid double fringed flowers, mixed colors. Per oz. 30 cts. . . . . 5

## HARDY PERENNIAL POPPIES.

- 6385 **Poppy Bracteatum.** Very large orange scarlet flowers, averaging five inches in diameter. Perennial variety. . . . . 10
- 6383 — **Crocium.** A lovely perennial Poppy bearing a profusion of rich yellow blooms. . . . . 10
- 6379 — **Nudicaule** (*The Iceland Poppy*). This is one of the most useful, effective and beautiful class of plants in cultivation. They are perfectly hardy and produce an endless profusion of flowers which are most useful for cutting. They are of a very graceful, neat habit, with bright green, fern-like foliage, formed in tufts, from which issue slender stalks about 12 inches in height, surmounted by yellow, white or orange-scarlet flowers. . . . . 10
- 6390 — **Orientele** (*The Large Oriental Poppy*). A charmingly showy summer-flowering plant, producing numerous leafy stems about 2½ feet high, which are covered with deep crimson flowers, having a conspicuous black blotch on each petal. This is one of the most showy and useful of this interesting and popular family. . . 10



DOUBLE POPPY CRIMSON KING.



POPPY BRACTEATUM.

# PRIMULA SINENSIS FIMBRIATA

(Fringed Chinese Primrose).

This charming and beautiful flowering plant is indispensable for winter or spring decorations in the home or conservatory. It is one of our most important of winter blooming pot plants. The seed we offer is of the highest merit and has as usual been saved from the best strains of English and continental growth.

|                                                                                                                                               | PER PKT. |
|-----------------------------------------------------------------------------------------------------------------------------------------------|----------|
| 6417 <b>Single White Fringed</b> .....                                                                                                        | 25       |
| 6418 <b>Single Red Fringed</b> .....                                                                                                          | 25       |
| 6421 <b>Punctata Elegantissima.</b> Crimson, spotted white.....                                                                               | 50       |
| 6422 <b>Kermesina Splendens.</b> Crimson, yellow eye.....                                                                                     | 50       |
| 6425 <b>Alba Magnifica.</b> The finest pure white, with bright yellow eye, beautifully fringed.....                                           | 50       |
| 6427 <b>Williams' Superb, Mixed.</b> This strain of English Primula is universally admired, and contains the finest varieties and colors..... | 50       |

|                                                                                                                                                                                  | PER PKT. |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| 6424 <b>Carter's Holborn Blue.</b> This variety requires more heat for its successful culture than the other varieties. Any check to its growth should be carefully avoided..... | 50       |
| 6440 <b>Fern-Leaved, Finest Mixed</b> .....                                                                                                                                      | 50       |
| 6430 <b>Fine Mixed Single</b> .....                                                                                                                                              | 25       |
| 6429 <b>Collection</b> of Chinese Primrose, 12 fringed varieties.....                                                                                                            | \$1.25   |
| 6439 <b>Collection</b> of Chinese Primrose, 6 fringed varieties.....                                                                                                             | 75       |

## DOUBLE CHINESE PRIMROSE.

The following double-fringed Chinese Primroses are very fine and can be highly recommended.

|                                                                     |        |
|---------------------------------------------------------------------|--------|
| 6428 <b>Double White</b> .....                                      | 50     |
| 6450 <b>Double Mixed</b> .....                                      | 50     |
| 6449 <b>Collection</b> of Double Chinese Primrose, 6 varieties..... | \$1.25 |

6434 **Primula Floribunda.** This is one of the prettiest and best of the Primroses, and is of the same general character and type as P. Obconica, differing only in color of the flower, which is a lovely shade of primrose yellow. Very fragrant and free blooming; will thrive under window cultivation..... 50 |

6423 **Primula Obconica.** A profuse blooming Primrose, bearing on long stems heads containing 10 to 15 flowers. It thrives in a cool house, and will grow in favor with those desiring plants that will grow easily. The flowers are pure white, shading occasionally to lilac, and have the true Primrose fragrance. It is in all respects a lovely flower, in bloom continuously..... 25 |



PRIMULA FIMBRIATA ALBA MAGNIFICA.

## HARDY PRIM-ROSES.

These are among the best of the early spring blooming plants. With a slight protection they will stand the winter, but do better if protected by a cold frame.

|                                                                                                                                                                                                           |    |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| 6432 <b>Primula Japonica</b> ( <i>Japanese Primrose</i> ). Bright and showy flowers, borne in whorls on stems 6 to 9 inches long; mixed colors.....                                                       | 15 |
| 6433 <b>Primula Cortusoides Amœna.</b> A charming variety bearing dark crimson flowers with distinct white eye.....                                                                                       | 25 |
| 6415 <b>Primula Veris</b> ( <i>English Cowslip</i> ). Flowers of different colors, yellow, brown, and yellow edged, etc.; very fragrant; 6 inches.....                                                    | 10 |
| 6431 <b>Primula Vulgaris.</b> The common yellow English Primrose; flowers fragrant and of a light canary-yellow color.....                                                                                | 25 |
| 6435 <b>Primrose, Dean's New Hardy Hybrids.</b> These very beautiful hardy plants are similar in growth to the common yellow Primrose, but produce myriads of flowers in the richest shades of color..... | 25 |

## PYRETHRUM.

Handsome herbaceous plants of easy culture. P. Aureum is the well-known Golden Feather so much used for carpet bedding, edging, etc. From the flowers of P. Roseum is obtained the Persian Insect Powder or Buhach of California. P. Tchihatchewi is valuable for obtaining verdure on poor soils, forming a mosslike turf, even under trees. P. Hybridum and varieties are amongst the handsomest of hardy flowering herbaceous plants.

|                                                                                                    |    |
|----------------------------------------------------------------------------------------------------|----|
| 6453 <b>Pyrethrum Aureum</b> ( <i>Golden Feather</i> ). Bright yellow foliage. Per oz. \$1.00..... | 10 |
| 6454 — <b>Aureum Laciniatum.</b> An improved Golden Feather. Foliage finely fringed.....           | 10 |
| 6457 — <b>Roseum</b> ( <i>Persian Insect Powder Plant</i> ). Flowers bright rose. 1½ feet.....     | 10 |
| 6458 — <b>Hybridum.</b> Large                                                                      |    |



DOUBLE PYRETHRUM.



PRIMULA OBCONICA.

Flowering Single Mixed. Hardy perennial bearing large Aster-shaped flowers ranging in color from light pink to deep red, with bright yellow centres. 2 feet..... 10 |

6456 **Pyrethrum Hybridum fl. pl.** Large Flowering Double Mixed. Beautiful colors, mixed. 1½ feet..... 25 |

# Ricinus.

(Castor Oil Bean.)

Ornamental plants of stately growth and picturesque foliage, with brilliant-colored fruit, producing a sub-tropical effect; fine for lawns, massing, or centre plants for beds; half-hardy annuals.



RICINUS CAMBODGIENSIS.

- |      |                              |                                                                                                                                                                                                                                                |            |
|------|------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| 6471 | <b>Ricinus Borboniensis.</b> | Very large and beautiful foliage; 15 feet.                                                                                                                                                                                                     | PER PKT. 5 |
| 6472 | — <b>Gibsoni.</b>            | Dwarf branching habit, deep red foliage; 5 feet.                                                                                                                                                                                               | 5          |
| 6476 | — <b>Cambodgiensis.</b>      | The main stem and leaf stalks are shining ebony, leaves large, regularly divided and richly colored. The foliage assumes different shades as the plant increases in size, so that very striking effect may be obtained when planted in groups. | 10         |
| 6474 | — <b>Philippiensis.</b>      | A variety from the Philippines, with beautiful gigantic foliage; 10 feet.                                                                                                                                                                      | 5          |
| 6473 | — <b>Sanguineus.</b>         | Blood-red stalks and clusters of red fruit; 8 feet.                                                                                                                                                                                            | 5          |
| 6480 | — <b>Mixed Varieties.</b>    | Per oz. 25 cts.                                                                                                                                                                                                                                | 5          |

## ROMNEYA.

(California Tree Poppy.)

A hardy perennial from California, of stately growth and great beauty, bearing very large double flowers shaped like a Pæony.

- |      |                          |             |    |
|------|--------------------------|-------------|----|
| 6467 | <b>Romneya Coulteri.</b> | Pure white. | 15 |
|------|--------------------------|-------------|----|

## SALPIGLOSSIS.

Free blooming plants, with curiously pencilled and marbled funnel-shaped flowers; suitable for the greenhouse or flower-border; of easy culture, requiring a light, rich soil; half-hardy annual; 1½ feet.

- |      |                                     |                   |             |
|------|-------------------------------------|-------------------|-------------|
| 6485 | <b>Salpiglossis Large Flowered.</b> | All colors, mixed | PER PKT. 10 |
|------|-------------------------------------|-------------------|-------------|

## SANVITALIA.

A valuable dwarf bedding plant; fine for rockeries, etc.; flowers during summer and autumn months, thriving best in a light, rich soil; hardy annual; 6 inches.

- |      |                                            |                       |    |
|------|--------------------------------------------|-----------------------|----|
| 6492 | <b>Sanvitalia Pro-cumbens Flore Pleno.</b> | Double gold-en yellow | 10 |
|------|--------------------------------------------|-----------------------|----|



LARGE FLOWERED SALPIGLOSSIS.

## RUDBECKIA.

(Texas Cone Flower.)

Very showy robust growing plants of the easiest culture, bearing large flowers, and continuing in bloom a long time, one of the finest of autumn flowering plants.

- |      |                           |                                                                                      |    |
|------|---------------------------|--------------------------------------------------------------------------------------|----|
| 6482 | <b>Rudbeckia Newmani.</b> | Bright yellow petals surrounding a large black cone; a showy flower; hardy perennial | 10 |
|------|---------------------------|--------------------------------------------------------------------------------------|----|

## SABBATTIA.

A charming plant for border or greenhouse. It bears very attractive flowers, which remain perfect for several days when cut and emit a delicate fragrance.

- |      |                              |                          |    |
|------|------------------------------|--------------------------|----|
| 6483 | <b>Sabbattia Campestris.</b> | Bright rose pink. Annual | 20 |
|------|------------------------------|--------------------------|----|

## SAPONARIA.

(Bouncing Bet.)

Beautiful compact-growing plants, with masses of miniature cross-shaped flowers, blooming throughout the summer and late in the autumn; hardy annual.

- |      |                          |                      |   |
|------|--------------------------|----------------------|---|
| 6500 | <b>Saponaria, Mixed.</b> | All colors; 6 inches | 5 |
|------|--------------------------|----------------------|---|

## SALVIA.

(Flowering Sage.)

A favorite greenhouse and bedding plant, bearing long spikes of flowers in great profusion from July to October; half-hardy perennials, blooming the first year from seed; 3 feet.

- |      |                              |                                                                            |    |
|------|------------------------------|----------------------------------------------------------------------------|----|
| 6493 | <b>Salvia Splendens</b>      | (Scarlet Sage). Beautiful, bright scarlet                                  | 10 |
| 6501 | — <b>Ingenieur Clavenad.</b> | New, large flowering scarlet                                               | 10 |
| 6502 | — <b>Coccinea.</b>           | Scarlet, very free-flowering                                               | 10 |
| 6499 | — <b>Lactea.</b>             | New, milk-white                                                            | 10 |
| 6494 | — <b>Patens.</b>             | Superb deep blue                                                           | 20 |
| 6496 | — <b>Argentea.</b>           | Beautifully ornamental silvery foliage plant, with spikes of white flowers | 10 |

## SEDUM.

(Stonecrop.)

A pretty and useful little plant, growing freely on rock or rustic work, hanging-baskets, etc.; during the summer they expand their brilliant star-shaped flowers in profusion; mixed colors and varieties; hardy perennial; 3 inches.

- |      |                    |  |    |
|------|--------------------|--|----|
| 6540 | <b>Sedum Mixed</b> |  | 10 |
|------|--------------------|--|----|



SALVIA SPLENDENS

## SCABIOSA.

(Mourning Bride, or Sweet Scabious.)

One of our handsomest summer border plants, producing in great profusion very double flowers in a variety of shades and colors; a splendid flower for table bouquets, etc.; hardy annual.

- 6510 **Scabiosa Tall Mixed.** Double, all colors; 2 feet. Oz. 40 cts. .... 5  
 6520 — **Dwarf Mixed.** Double, all colors; 1 foot... 5  
 6505 — **Double White,** 2 feet.....10  
 6506 — **Caucasia.** One of the handsomest of hardy perennials, especially valuable for cutting, the blooms lasting a long time in water; lilac-blue; 3 feet.....15  
 6507 **Collection** of six varieties.....30

## SCHIZANTHUS.

(Butterfly Flower.)

A splendid class of plants, combining elegance of growth with a profusion of rich and various colored flowers, fine for greenhouse decoration and the flower garden; of easy culture; half-hardy annual.

- 6525 **Schizanthus Papilionaceous.** A charming variety, resembling some species of Orchids. The flowers are purple, spotted with yellow, orange, crimson and black.....10

## Stocks.

The Stock is one of the most popular plants, either for bedding, massing, or pot-culture; for brilliancy and diversity of color or profusion and duration of bloom it is unsurpassed. The **TEN WEEKS STOCKS** (*Matthiola annua*) are generally cultivated, and bloom from ten to twelve weeks after being sown; they grow from 6 to 18 inches high, and when grown in light, rich soil, and occasionally watered with weak guano water, they bear an immense quantity of bloom, so that each plant forms a perfect bouquet of delightful fragrance. For early flowering, start the seeds in a greenhouse or hot-bed, and transplant into the garden in May after all danger of frost is over; half-hardy annual.

### Large Flowering Dwarf Ten Weeks Stock.

The following are the best double varieties and most desirable colors for cultivation; 15 inches.

- 6591 **Blood Red.**.....10  
 6592 **Crimson.**.....10  
 6593 **Light Blue.**.....10  
 6594 **Purple.**.....10  
 6595 **Pure White.**.....10  
 6598 **Bright Pink.**.....15  
 6600 **Mixed.** All choice double large flowering.....10

**Improved Wallflower Leaved Ten Weeks Stock.** This section possesses distinct and pleasing features, owing to its bright green and glossy foliage, and the brilliant colors of its flowers; half-hardy annual.

- 6601 **Wallflower-Leaved White.**.....15  
 6602 — **Carmine.**.....15  
 6604 — **Yellow.**.....15  
 6610 — **Mixed.**.....15

### Imported Collections of Stocks.

- 6609 **Ten Weeks,** Large Flowering Dwarf, 12 varieties.....\$1.00  
 6619 **Perpetual,** 6 varieties.....50

## SENSITIVE PLANT.

(Mimosa.)

Curious and interesting plants, with pinkish white flowers; the leaves close and droop when touched or shaken; they require a mixed soil of peat, loam and sand; tender annual.

- 6555 **Mimosa Pudica.** 1½ feet..... 5

## SENECIO, or JACOBÆA.

A showy half-hardy perennial from South Africa. It produces in great profusion branching spikes of bright flowers, 1½ inches in diameter, from spring until fall, and will bloom all winter in a cool greenhouse.

- 6550 **Senecio Speciosus.** Bright magenta.....10

## SILENE.

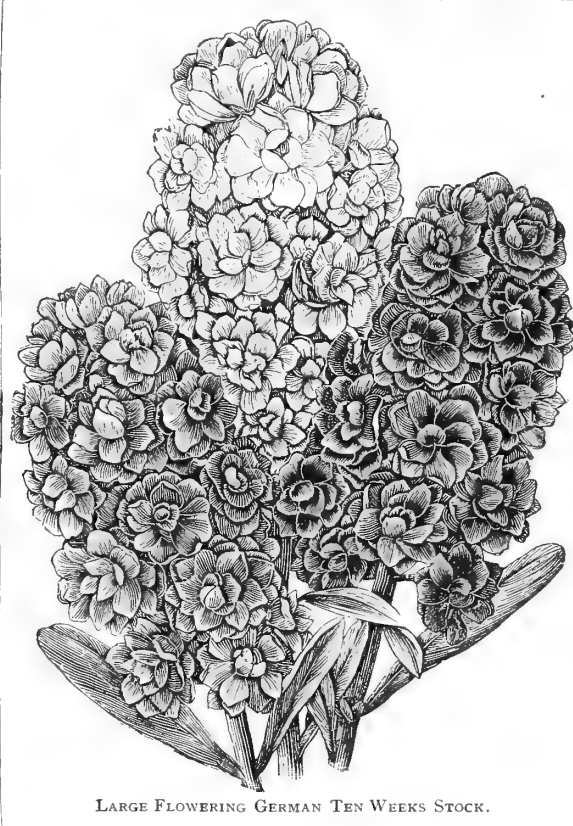
(Catch-Fly.)

A beautiful, early, free-blooming plant, adapted for beds, borders, or ribbon-gardening; of easy culture, growing in any garden soil; hardy annual; 1 foot.

- 6557 **Pendula.** Double rose-colored.....10

## STOCKS—Continued.

- 6596 **Dwarf Bouquet Ten Week, Mixed.** Blooms in the shape of a bouquet with beautiful double flowers of various colors; 10 inches.....15  
 6597 **Perpetual Dwarf Ten Week Mixed.** A constant blooming sort, with fine double flowers of various colors; 15 inches.....10  
 6607 **Giant Perfection, Mixed.** Very showy flowers; habit of plant strong and inclined to grow tall....10  
 6614 **Hardy's All the Year Round.** This beautiful variety produces fine large spikes of double white flowers, from January to December, in the greatest



LARGE FLOWERING GERMAN TEN WEEKS STOCK.

- profusion. 75 per cent. come double; 1 foot.....15  
 6612 **Intermediate, or Autumnal Flowering Stock.** Very beautiful; choice double flowers; mixed; 2 feet.....10  
 6611 **Brompton, or Winter Stock.** Half-hardy biennial, bushy plants; producing a beautiful display of double flowers; mixed colors; 2 feet.....10

## STOCK, PRINCESS ALICE.

(Cut and Come Again.)

A fine perpetual blooming Stock, growing about two feet high. If sown early, it commences blooming in June and continues until destroyed by frost. Its most valuable feature is that it produces perfect flowers during September and October, when other varieties sown at the same time have faded. It throws out numerous side branches bearing clusters of very double pure white fragrant blossoms, and is excellent for cutting.

No. 6606. Per pkt., 15 cts.

## “SNOWFLAKE” STOCK.

- 6603 In habit this stock closely resembles the Dwarf Pyramidal; it produces a vigorous main spike of uncommonly large and very double snow-white flowers and, when fully developed, numerous flowering side-shoots. Its glossy dark green foliage renders the dazzling whiteness of the flowers more conspicuous. It is one of the earliest of the Dwarf Ten Weeks Stocks, and is admirably adapted for forcing.....15





## SWEET PEAS.

It is unnecessary to say much about these lovely fragrant flowers, their universal favoritism being well established. When cut for filling vases, the bloom will last for days, and the distinct colors are very beautiful. The seed should be sown *as early as the ground can be worked* in the spring, to enable the vines to get a good strong growth before the warm weather comes. Seed may also be sown with great advantage in the autumn. One of our customers writes us under date of August 12, 1891: "I have been this whole season under obligations to you for advising me to plant Sweet Pea seeds last autumn. The seed was planted late in October or early

in November in rows with a southerly exposure, they were then well covered with litter protection and finally brush sufficient to prevent the litter from blowing away. In the spring the litter was removed, the plants staked, and by the middle of April they were in bloom and I have had flowers ever since, and at times the display exceeded that of any other collection of Sweet Peas I have ever seen."

|                                                                                                  | PER OZ. PKT. |    |
|--------------------------------------------------------------------------------------------------|--------------|----|
| 5996 <b>Adonis.</b> Carmine.....                                                                 | 25           | 5  |
| 6815 <b>Butterfly.</b> White tinted lilac.....                                                   | 25           | 5  |
| 5998 <b>Crown Princess.</b> Blush.....                                                           | 25           | 5  |
| 6004 <b>Invincible.</b> Carmine.....                                                             | 25           | 5  |
| 5997 <b>"</b> Scarlet.....                                                                       | 25           | 5  |
| 6005 <b>Painted Lady.</b> Rose and white.....                                                    | 25           | 5  |
| 5995 <b>Princess Beatrice.</b> Rose pink.....                                                    | 40           | 10 |
| 6006 <b>Purple black.</b> .....                                                                  | 25           | 5  |
| 6002 <b>Red Striped.</b> .....                                                                   | 25           | 5  |
| 6001 <b>Vesuvius.</b> Carmine, spotted.....                                                      | 40           | 10 |
| 5994 <b>White.</b> Pure white.....                                                               | 25           | 5  |
| 6000 <b>Extra Mixed</b> from above varieties. Per $\frac{1}{4}$ lb. 50 cts.; per lb. \$1.50..... | 25           | 5  |

## ECKFORD'S NEW LARGE FLOWERING SWEET PEAS.

These charming additions to the list of Sweet Peas will please all who give them a trial. When properly grown they are nearly double the size of the ordinary sorts and present an exquisite variety of new colors and markings.

|                                                                                  | PER OZ. PKT. |    | PER OZ. PKT.                                                                                    |    |    |
|----------------------------------------------------------------------------------|--------------|----|-------------------------------------------------------------------------------------------------|----|----|
| 6812 <b>Apple Blossom.</b> Standards, bright pinkish-rose, wings bluish.....     | 40           | 10 | 6822 <b>Queen of England.</b> Pure white, large and fine.....                                   | 40 | 10 |
| 6808 <b>Boreatton.</b> Fine deep maroon color.....                               | 30           | 10 | 6805 <b>Splendor.</b> Rich bright pinkish rose, shaded with crimson.....                        | 40 | 10 |
| 6813 <b>Cardinal.</b> Bright shining crimson scarlet.....                        | 30           | 10 | 6810 <b>Eckford's Large Flowering Mixed.</b> Per $\frac{1}{4}$ lb. 75 cts.; per lb. \$2.50..... | 25 | 10 |
| 6802 <b>Empress of India.</b> Clear rosy pink standards and white wings.....     | 40           | 10 |                                                                                                 |    |    |
| 6811 <b>Isa Eckford.</b> Creamy white suffused with rosy pink.....               | 30           | 10 |                                                                                                 |    |    |
| 6818 <b>Lottie Eckford.</b> White and blue.....                                  | 30           | 10 |                                                                                                 |    |    |
| 6817 <b>Miss Hunt.</b> Pale carmine, salmon standards, with soft pink wings..... | 40           | 10 |                                                                                                 |    |    |
| 6003 <b>Orange Prince.</b> Bright orange, pink, flushed with scarlet.....        | 40           | 10 |                                                                                                 |    |    |
| 6807 <b>Princess of Wales.</b> Shaded and striped mauve, on a white ground.....  | 40           | 10 |                                                                                                 |    |    |
| 6801 <b>Primrose.</b> Pale primrose yellow.....                                  | 40           | 10 |                                                                                                 |    |    |

### NEW AMERICAN SWEET PEA.

This is the most popular variety yet introduced. It is earlier and harder than any other, of dwarf and very compact growth, and can be grown without support, making it especially desirable for forcing.

6814 **Miss Blanche Ferry.** The flowers are of large size and are produced in great abundance; of a beautiful pink and white color. Per oz. 30 cts. 10

### NEW AMERICAN SWEET PEA.

This is the most popular variety yet introduced. It is earlier and harder than any other, of dwarf and very compact growth, and can be grown without support, making it especially desirable for forcing.

6814 **Miss Blanche Ferry.** The flowers are of large size and are produced in great abundance; of a beautiful pink and white color. Per oz. 30 cts. 10

5999 **Collection** of Sweet Peas, 10 varieties, 40 cents.



### **SOLANUM CAPSICASTRUM, LITTLE GEM.**

This is a very useful pot-plant for winter decoration in any situation where a bright color is desirable. It is of a dwarf branching habit, scarcely exceeding 9 inches in height; leaves small and oval shaped; berries globular, of the size of a red currant and bright scarlet in color and produced in the greatest profusion. Very ornamental.

6566 *Solanum, Little Gem*.....25

### **SMILAX.**

(See *Myrsiphyllum Asparagoides*.)

### **STEPHANOTIS.**

A greenhouse evergreen perennial climber, producing clusters of fragrant flowers in the greatest profusion.

6584 *Stephanotis Floribunda*. White; 20 feet....50



DOUBLE SWEET WILLIAM.

## **Sweet William.**

(*Dianthus Barbatus*.)

A well-known attractive free-flowering plant, which has been greatly improved of late years, producing a splendid effect in beds and shrubbery with their rich and varied flowers; hardy perennial; 1½ feet.

6625 *Sweet William Auricula Flowered*. A beautiful class of "eyed" single varieties, all colors. Per oz. 50 cts.....10  
6640 — *Single Mixed*. Per oz. 40 cts.....5  
6630 — *Double Mixed*. Per oz. \$1.00.....10

### **STEVIA.**

Free-blooming plants, bearing a multitude of fragrant flowers; suitable for summer or winter blooming.

6622 *Stevia Serrata*. Pure white.....10

### **SWEET SULTAN.**

(*Centaurea Moschata*.)

Sweet-scented, profuse flowering, showy plants, of easy culture, and very effective in shrubbery; hardy annuals.

5458 *Sweet Sultan, Mixed*. Blue, purple and white; 2 feet.....5

### **TAGETES.**

A dwarf, globular, compact, bushy plant, with beautiful delicate fern-like leaves, densely covered with flowers; valuable for borders as well as beds; half-hardy annual.

6654 *Tagetes Signata Pumila*. Bright yellow, striped brown; 1 foot.....5



THUNBERGIA ALBA OCULATA.

## **Thunbergia.**

(*Black-Eyed Susan*.)

Beautiful rapid-growing climbers, thriving in a light, rich, loamy soil, in warm situations in the garden; the flowers are very pretty, and are borne profusely during the season; fine for vases, rustic-work, or greenhouse culture; half-hardy annuals; 4 feet.

6661 *Thunbergia Alba Oculata*. White, dark eye. 5  
6662 — *Alata*. Buff, dark eye.....5  
6663 — *Aurantiaca*. Orange, dark eye.....5  
6664 — *Bakeri*. Pure white.....5  
6670 — *Mixed*. All colors. Per oz. 40 cts.....5

### **TORENIA.**

A very fine annual, forming a splendid plant for vases, hanging-baskets, the greenhouse, or for growing out of doors; they are covered until late in the season with one mass of bloom.

6681 *Torenia Fournieri*. Large sky-blue flowers, with three spots of dark blue, and a bright yellow centre.....15  
6683 — *Bailloni*. A valuable species, distinguished for the size and charming color of its flowers, which are bright golden yellow with a brownish-red throat. An admirable contrast with *T. Fournieri*; 15 inches.....15

### **TROPÆOLUM.**

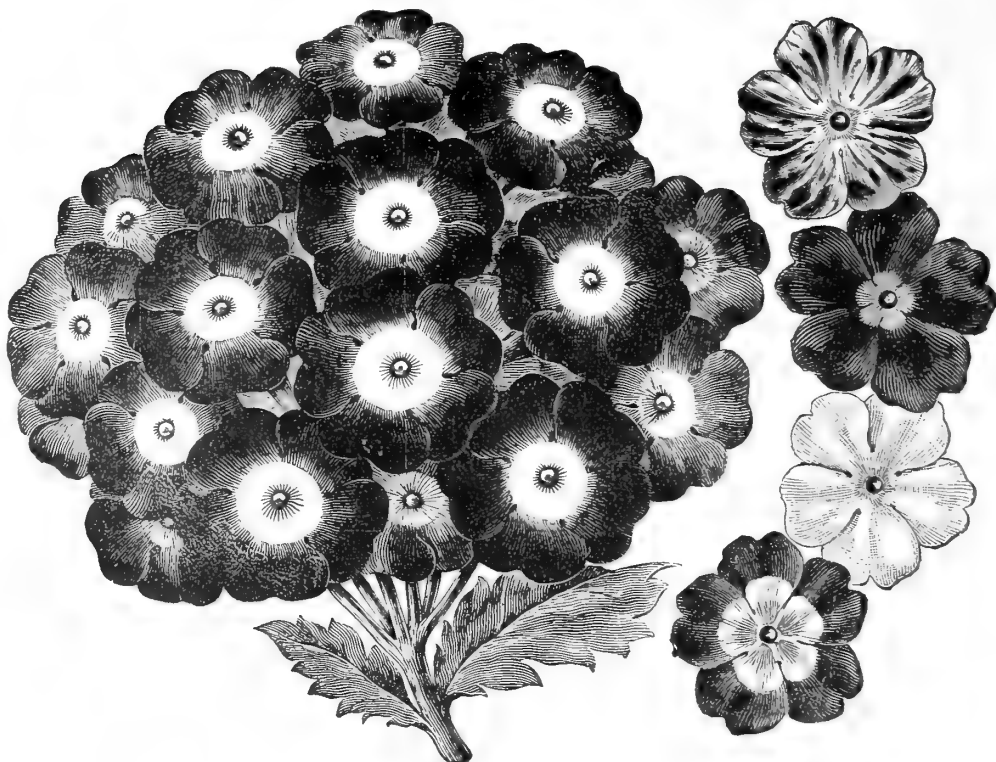
(See *Nasturtium*.)

### **VERONICA.**

(*Speedwell*.)

Very ornamental plants for garden or pot culture; it makes an extremely pretty edging for small beds, etc.; half-hardy annual; 6 inches.

6693 *Veronica Syriaca, Mixed*. Blue, white, etc..10

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## ✧ VERBENA. ✧

The Verbena is deservedly a universal favorite, unrivalled in the splendor of its dazzling brilliancy of flower. A constant bloomer, and if grown from seed has a sweet fragrance. Treat as tender annuals. Sow in a hot-bed in March or April, and plant out in May.

- |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>6707 <b>Dreer's Mammoth.</b> We have been carefully selecting and improving this fine strain of Verbenas for several years past, and can now recommend it as the very best in the market. The flowers are of the largest size of brilliant colors with large distinct eyes. Plants are free-blooming and of vigorous habit. Choice mixed. Per oz. \$4.00.....25</p> <p>6712 <b>Mammoth White.</b>.....25</p> <p>6716 — <b>Scarlet.</b>.....25</p> <p>6700 <b>Dreer's Choicest Mixed.</b> Selected from our large collection of the newest and finest-named varieties and richest colors. Per oz. \$3.00.....15</p> <p>6710 <b>Fine Mixed.</b> All colors of the older sorts. Per oz. \$2.00.....5</p> | <p>PER PKT.</p> <p>6701 <b>Verbena Candidissima.</b> Pure white.....15</p> <p>6702 — <b>Coccinea.</b> Brilliant scarlet.....15</p> <p>6703 — <b>Striped Varieties.</b>.....15</p> <p>6706 — <b>Blue Varieties.</b>.....15</p> <p>6704 — <b>Golden-Leaved Scarlet.</b> Golden yellow foliage, which strikingly contrasts with the bright scarlet flowers.....15</p> <p>6711 — <b>Snowball.</b> This variety grows into a compact bush instead of being of straggling habit. The umbels are large and bear medium-sized pure white flowers...25</p> <p>6709 <b>Collection</b> of Verbenas, 6 varieties.....60</p> |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### LEMON VERBENA.

- 6708 **Aloysia Citriodora.** Lemon-scented foliage....10

### VALERIANA.

(Hardy Heliotrope.)

Very showy border plants, or for mixing with shrubbery; growing in any garden soil, doing well in the shade; producing large corymbs of flowers; hardy perennial.

- 6690 **Valeriana, Mixed.** Bright red and white; 2 feet.....5

## VINCA.

(Madagascar Periwinkle.)

Ornamental free-blooming plants; they flower from seed, if sown early, the first season, continuing until frost; or they may be potted and kept in bloom through the winter; 2 feet.

- 6713 **Vinca Rosea.** Rose, with dark eye.....10
- 6714 — **Alba.** White, with crimson eye.....10
- 6715 — **Alba Pura.** Beautiful pure white.....10
- 6720 — **Mixed.** Per oz. \$1.00.....10

### VIOLET.

(Viola Odorata.)

Well-known fragrant early spring blooming plants for edgings, groups, or borders; thriving best in the summer in a shady situation, in a rich, deep soil; extensively used by florists for forcing for cut flowers during the fall and winter months; hardy perennials; 6 inches.

- 6725 **Violet, Single Blue** (*Odorata Semperflorens*). Very sweet-scented blue flowers.....10
- 6726 — **Single White, The Czar.** Very fragrant and free-flowering.....10
- 6727 — **Single Mixed.** Blue and white.....10

### VIRGINIAN STOCK.

(Cheiranthus Maritimus.)

Beautiful free-flowering little plants, very effective in small beds, edgings, or baskets, growing in any soil; hardy annuals.

- 6620 **Virginian Stock, Mixed.** All colors; 3 inches. 5

## Wallflower.

Well-known deliciously fragrant garden plants, blooming early in the spring, with large conspicuous spikes of beautiful flowers; they should be protected in a cold frame in the winter, and planted out in May; are much prized for bouquet flowers; half-hardy perennials.

|      |                                                    |                          |        |
|------|----------------------------------------------------|--------------------------|--------|
| 6740 | Wallflower Single Mixed.                           | All colors; 2½ feet..... | 5      |
| 6730 | — Finest Double Mixed.                             | All colors; 2 feet.....  | 10     |
| 6739 | Collection of Double Wallflower; 12 varieties..... |                          | \$1.00 |
| 6749 | Collection of Single Wallflower; 6 varieties.....  |                          | 50     |

## WHITLAVIA.

Charming hardy annual, with delicate foliage and clusters of beautiful bell-shaped flowers, fine for ribboning, mixed borders, or shady spots; growing freely in any garden soil, also good for baskets, vases, etc.; 1 foot.

|      |                                |  |   |
|------|--------------------------------|--|---|
| 6745 | Whitlavia Mixed Varieties..... |  | 5 |
|------|--------------------------------|--|---|

## WIGANDIA.

A grand and stately ornamental plant, with beautiful large leaves 3 feet long and 1½ feet wide, imparting a subtropical effect to the garden; half-hardy perennial; 6 feet.

|      |                          |  |    |
|------|--------------------------|--|----|
| 6751 | Wigandia Caracasana..... |  | 10 |
|------|--------------------------|--|----|

## YUCCA.

(Adam's Needle.)

A splendid plant with large clusters of creamy-white tulip-like flowers on tall stems; hardy perennial; 3 feet.

|      |                    |            |   |
|------|--------------------|------------|---|
| 6775 | Yucca Filamentosa. | White..... | 5 |
|------|--------------------|------------|---|

## ZINNIA.

The double Zinnia is one of the most brilliant and showy of annuals, and has long been a general favorite. The seed can be sown early in the hot-bed and transplanted, or sown later in the open ground; half-hardy annuals; 2 feet.

### LARGE FLOWERING, DWARF GROWING.

|      |                          |  |    |
|------|--------------------------|--|----|
| 6781 | Zinnia Double White..... |  | 10 |
|------|--------------------------|--|----|



VINCA ROSEA.



DOUBLE WALLFLOWER.

## ZINNIA Continued.

|      |                      |    |
|------|----------------------|----|
| 6793 | Double Orange        | 10 |
| 6794 | — Scarlet.....       | 10 |
| 6795 | — Canary Yellow..... | 10 |
| 6800 | — Dwarf Mixed.....   | 10 |

Imported collection of 6 separate varieties, 50c.

|      |                            |                                             |
|------|----------------------------|---------------------------------------------|
| 6790 | — Double Mixed.            | Old type, tall. 5                           |
| 6786 | — Tom Thumb, Double Mixed. | Compact bushes, not over 12 inches high. 10 |

## ZINNIAS—VARIOUS TYPES.

|      |                                     |                                                                                                 |    |
|------|-------------------------------------|-------------------------------------------------------------------------------------------------|----|
| 6784 | — New Mammoth (Robusta Plenissima). | The flowers are 5 to 6 inches across, perfectly formed, very double and of striking colors..... | 10 |
| 6783 | — Double Pom-pone.                  | Long cone-shaped flowers; mixed.....                                                            | 10 |



ZEBRA ZINNIA.

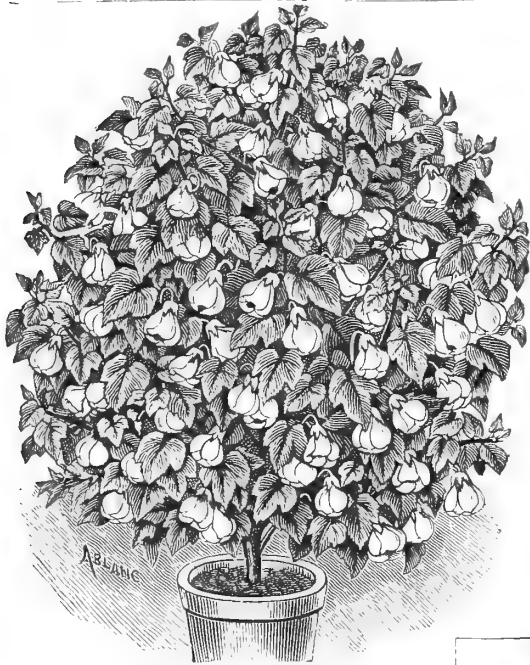
|      |             |                                                                                                                                        |    |
|------|-------------|----------------------------------------------------------------------------------------------------------------------------------------|----|
| 6791 | — Zebra.    | A very pretty strain of striped flowers. As the colors vary on each plant, they present a curious as well as beautiful appearance..... | 15 |
| 6782 | — Haageana. | A splendid double variety; flowers deep orange, margined with yellow, keeping its color when dried as a winter flower.....             | 10 |

## Palm Seeds.

We will book orders for palm seeds of the varieties named below, to be delivered as the fresh seeds are received during the year from our collectors in the West Indies, Australia, etc. These seeds should be sown as soon as possible after their arrival. As most of them are a long time in transit, we cannot test their vitality and give no guarantee as to their growth and correctness.

|                          | PER PKT. |                         | PER PKT. |
|--------------------------|----------|-------------------------|----------|
| Areca lutescens.....     | 25       | Kentia Fosteriana.....  | 25       |
| Chamaecrops excelsa..... | 10       | Latania Borbonica.....  | 15       |
| Cocos Weddelliana.....   | 25       | Pandanus utilis.....    | 25       |
| Corypha Australis.....   | 15       | Phoenix reclinata.....  | 10       |
| Geonoma gracilis.....    | 25       | Seaforthia elegans..... | 15       |
| Kentia Belmoreana.....   | 25       | Thrinax argentea.....   | 15       |

# GENERAL COLLECTION OF PLANTS.



ABUTILON GOLDEN FLEECE.

## ABUTILON.

This class of plants during the past few years has been wonderfully improved. The collection we offer embraces the finest of recent introduction, together with the cream of the old and well-tried sorts.

**Aureum Maculatum.** Green and yellow mottled foliage, flowers yellow, veined with crimson.

**Boule de Neige.** Fine, pure white; free-blooming.

**Brilliant.** Bright red, free dwarf habit.

**Eclipse.** A splendid variegated variety, especially suited for baskets and vases; foliage marbled green and yellow, flowers of fair size, sepals scarlet, petals orange buff.

**Firefly.** Rich salmon scarlet; fine.

**Future Fame.** Very deep rose shaded with crimson, a distinct free-flowering variety.

**Golden Fleece.** A bright golden yellow Abutilon, of strong, vigorous habit and very free-flowering. Plants are symmetrical in growth and form perfect pyramids, which are covered with bloom during the season.

**Royal Scarlet.** Brilliant scarlet, very dwarf and free.

**Striata Splendida.** A grand variety with bright orange-colored flowers, beautifully striped with rich crimson.

**The Premier.** Rosy purple; the rose shade very intense.

**Thompsoni Plena.** A new variety with perfectly double flowers, that resemble in form a double Hollyhock; rich deep orange, streaked with crimson. 15 cts. each; \$1.25 per dozen.

## ACALYPHA MACAFEANA.

A beautiful variegated foliage bedding plant, much richer in color than the finest Coleus; it can be used in the same way, and is certain to become popular for ornamental and sub-tropical bedding. 15 cts. each; \$1.50 per dozen; \$10.00 per 100.

## ALTERNANTHERA.

Beautiful dwarf plants of compact habit, growing about 6 inches high, and admirably adapted for edgings to flower beds or ribbon lines, their beautifully variegated foliage of crimson, purple, yellow, pink and green forming rich masses of color, always attractive and highly ornamental.

**Aurea Nana.** Bright golden yellow, holding its color well the entire season.

**Amabilis Tricolor.** Orange, crimson and dark green. 10 cts. each; \$1.00 per dozen; \$6.00 per 100.

## ACHIMENES.

Tropical plants for summer blooming; the scaly tubers must be preserved entirely dry during winter. In early spring pot in peat, sand and a little light soil. They delight in heat, moisture and shade while growing, but in a cooler temperature when in bloom. Do not water the foliage. Excellent for baskets. 6 choice varieties named. 20 cts. each; \$2.00 per dozen.

## ACHYRANTHUS.

Indispensable for bedding purposes, either in masses or ribboning, their brilliant tinted leaves forming a marked contrast with all other plants.

**Acuminata.** Large purple foliage.

**Emersoni.** Deep red, shading to pink. One of the very best sorts for contrasting with Coleus or Centaurea.

**Lindeni.** Dark purple elliptic foliage.

10 cts. each; \$1.00 per dozen; \$6.00 per 100.

## AGERATUM.

Old garden favorites of easy culture, blooming continuously throughout the summer months.

**Blanche.** Pure white, very desirable.

**Cope's Pet.** A decided improvement on the well-known and popular John Douglass. It is of a brighter and more cheerful blue, and rather more even in growth, never exceeding 6 inches in height.

**John Douglass.** Large azure-blue flowers, dwarf compact habit. 10 cts. each; \$1.00 per dozen; \$6.00 per 100.

## ALTERNANTHERAS

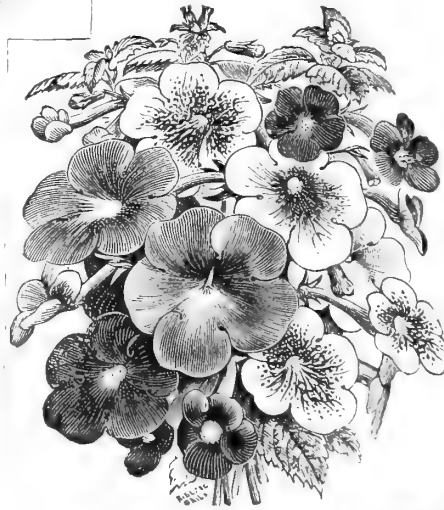
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**Amœna Spectabilis.**

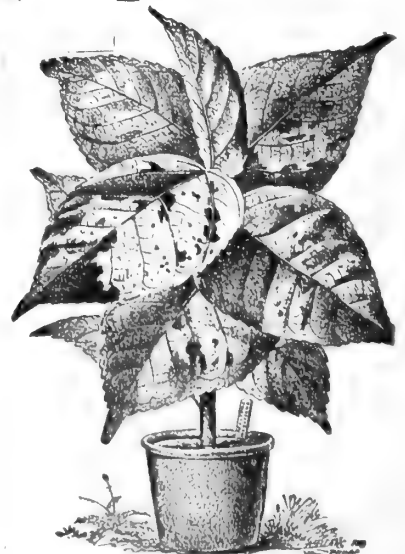
Crimson, pink and brown; the finest and brightest.

**Paronychoides Aurea**  
Bright yellow foliage.

**Versicolor.** Foliage ovate, olive, crimson and chocolate; when used for edgings they must be frequently sheared; the young tips will then assume the most brilliant hues. 10 cts. each; \$1.00 per dozen; \$6.00 per 100.



ACHIMENES.



ACALYPHA.



## Agapanthus Umbellatus.

(Blue Lily of the Nile.)

This is a splendid ornamental plant, bearing large clusters of bright blue flowers on long flower stalks and lasting a long time in bloom. There is no finer plant than this for out-door decoration, planted in large pots or tubs on the lawn, terrace or piazza. It does well in the house or greenhouse in winter, requiring but slight protection. It is a rapid grower, and increases in size and beauty every year; the chief point in its cultivation is to divide the plants before the pots or tubs become overcrowded with roots. With the most ordinary kind of care it is a plant that will last for ever. Strong flowering plants 50 cts. each; extra strong, \$1.00 each.

### Agapanthus Umbellatus Albus.

A beautiful white flowering variety of the above.  
\$1.00 each.

### Ananassa Sativa Variegata.

The variegated form of the ordinary Pineapple, and is one of the most beautiful plants; leaves striped, white, green and creamy yellow with a red tinge on the edges. \$2.50 to \$6.00 each.



AGAPANTHUS UMBELLATUS.

### Allamanda Wardleyana.

A very showy greenhouse climber, bearing large and beautiful golden yellow flowers six inches in diameter. It blooms in clusters and is superior in coloring and size to any of the Allamandas. Will thrive in warm houses, though greenhouse treatment enhances its beauty. 50 cts. each.

### Anthericum Picturatum.

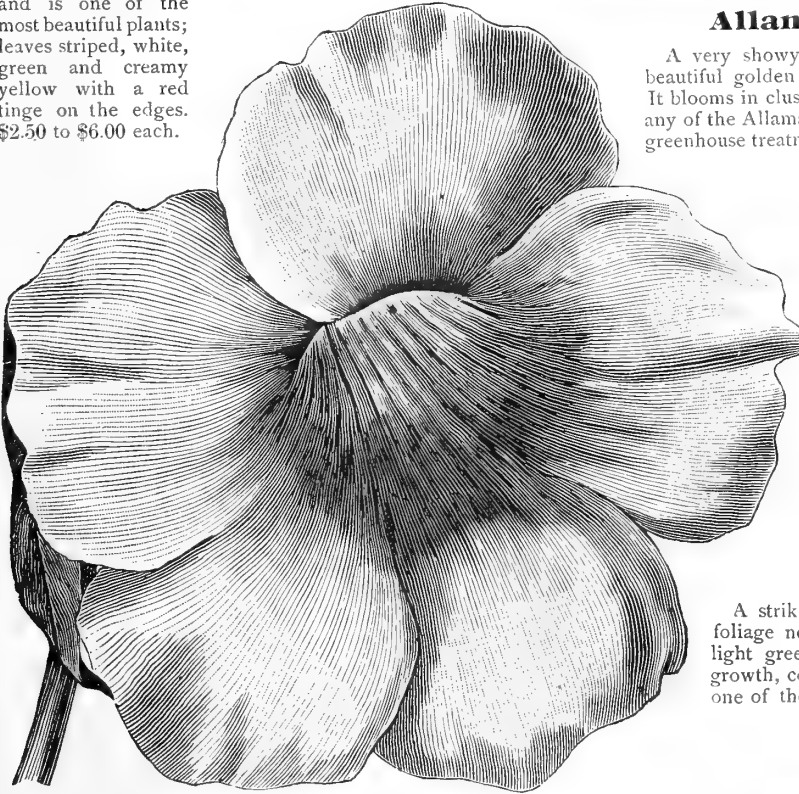
A most distinct and handsome variety, differing from the well-known Anthericum Vittatum Variegatum in having a bright yellow band running through the centre of the leaf, edged with bright pea-green; as a plant for the embellishing of window-boxes, baskets or vases, it is invaluable. 50 cts. each; \$5.00 per doz.

**Anthericum Vittatum Variegatum.** Desirable for centres of baskets, vases, etc. Long, narrow foliage, striped white.  
25 cts. each; \$2.50 per doz.

### Alocasia Macrorrhiza Variegata.

A strikingly handsome ornamental leaved plant, foliage nearly as large as Caladium Esculentum, light green, broadly splashed with white. Its easy growth, combined with rich variegation, makes this one of the most valuable exhibition plants.

\$1.50 each.



ALLAMANDA WARDLEYANA.

### ANTHEMIS CORONARIA FL. PL.

One of the most useful plants for bedding or pot culture lately introduced. It bears its golden yellow double flowers profusely during the season, and can be recommended as a first-class edging plant. 15 cts. each; \$1.50 per doz.

### ANTHURIUM.

**Andreanum.** A beautiful plant with large, brilliant scarlet flowers of a leathery texture; they remain in perfection for weeks. \$2.00 each.

**Grande.** Foliage bright, rich velvety green, principal veins elegantly banded with silvery white; when young the leaves are of a violet rose color, beautifully marked; a most useful exhibition plant. \$1.00 to \$1.50 each.

**Scherzerianum.** One of the most striking and dwarf-flowering stove plants, producing beautiful brilliant scarlet flowers, each of which remains from two to three months in bloom. \$1.00 each.



ALOCASIA MACRORRHIZA VARIEGATA.

**AMARYLLIS.**

Beautiful flowering bulbs, which should find a place in every garden. They force readily, and by proper care can be had in bloom during the whole year.

**Aulica** (*Lily of the Palace*). Dark crimson, large and fine. \$1.25 each.

**Belladonna Major**. Bright rose pink. 20 cts. each.

**Formosissima** (*Jacobean Lily*). Crimson, blooming early in the summer. The flowers have a most graceful appearance. 20 cts. each; \$2.00 per doz.

**Hybrids of Vittata**. White ground, striped with red. 50 cts. each.

**Hybrids of Vittata**. Red ground, striped with white. 50 cts. each.



AMARYLLIS JOHNSONI

Set of 13 varieties, one of each, for \$6.00.

**ASPIDISTRA LURIDA VARIEGATA.**

A beautiful plant with large, lance-shaped leaves, finely variegated with clear cream-colored stripes. An elegant window or conservatory plant of the easiest culture. 50 cts. to \$1.00.



ARDISIA CRENULATA.

**Johnsoni**. Very large flower of a rich crimson scarlet color, striped with white. 50 cts. each; \$5.00 per doz.

**Longiflora Alba**. Large fragrant white flowers, perfectly hardy. 40 cts. each.

**Longiflora Rosea**. Large rose-colored flowers, hardy. 40 cts. each.

**Nerine Sarnien-sis** (*Guernsey Lily*). Deep rosy red. 25 cts. each.

**Prince of Orange**. Bright orange, large and fine. \$1.50 each.

**Regina**. Large orange scarlet flowers, with yellow throat. 75 cts. each; \$7.50 per doz.

**Treatiæ Alba**. Pure white, blooms the entire summer; useful as a bedding plant. 10 cts. each; \$1.00 per doz.

**Treatiæ Rosea**. Bright rose. 10 cts. each; \$1.00 per doz.

**Aspidistra Lurida.**

A green-leaved variety of the above, of strong growth; will succeed in any position; an excellent hall or corridor plant. 50 cts. to \$1.00 each.

**Ardisia Crenulata.**

A very ornamental greenhouse plant, with dark evergreen foliage, producing clusters of brilliant red berries; a first-class house plant in winter. 25, 50 and 75 cts. each, according to size.

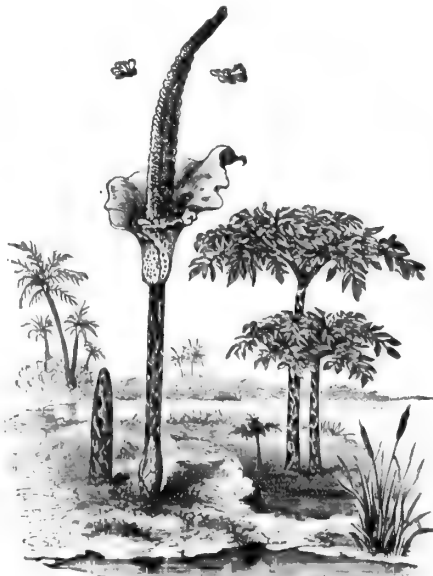


ANTHURIUM SCHERZERIANUM.

**AMORPHOPHALLUS RIVIERI.**

A remarkably distinct and pretty Aroid of easy culture, especially adapted for sub-tropical bedding or for the mixed border, producing a solitary Palm-like leaf on a tall stout stem which is curiously spotted and speckled with rose and olive green. The flower is similar in shape to the Calla Lily, the outside being of a similar color to the leaf stem; the inside is deep blood-red veined with black.

|                            |               |                 |
|----------------------------|---------------|-----------------|
| First size, strong tubers, | 50 cts. each; | \$5.50 per doz. |
| Second " " "               | 30 " "        | 3.00 " "        |
| Third " " "                | 15 " "        | 1.50 " "        |



AMORPHOPHALLUS RIVIERI

## Aristolochia Cymbifera.

(Boat-Flowered.)

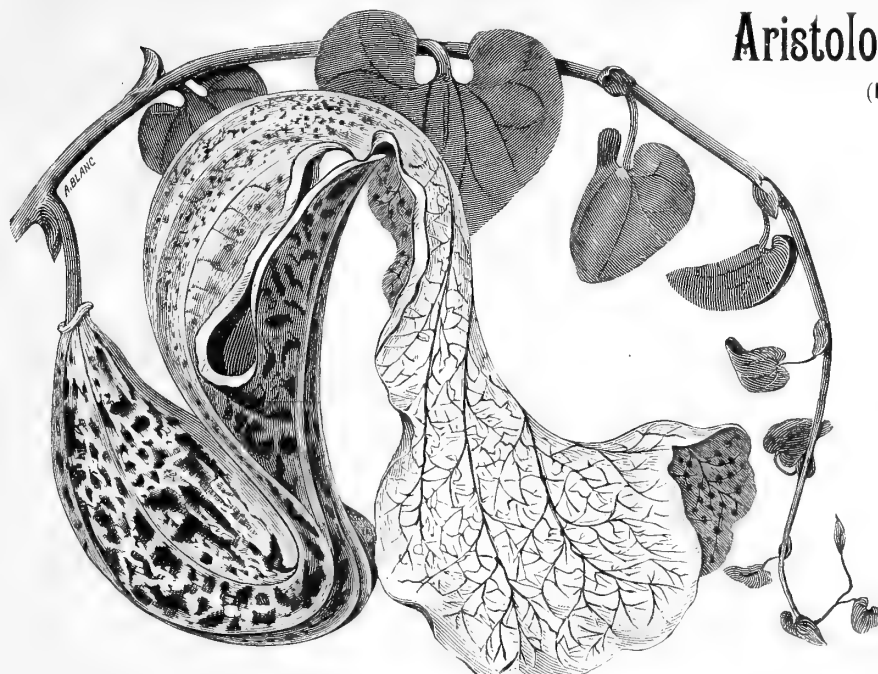
An interesting strong-growing summer climber, attaining a height of 10 to 15 feet in one season; the flowers, which are of a most peculiar shape and over 8 inches long, are borne in great profusion; the ground color is of a creamy white, marked and blotched with blackish maroon.

50 cts. each; 3 for \$1.00.

## ARISTOLOCHIA ELEGANS.

One of the best summer climbers; of rapid and dense growth. It bears profusely, even on small plants, its handsome and elegant flowers of a rich dark purple color, ornamented throughout with irregular branched markings of a creamy white, and having a yellow eye surrounded by rich velvety purple.

25 and 50 cts. each.



ARISTOLOCHIA CYMBIFERA.

## ASPARAGUS TENUISSIMUS.

A beautiful species of climbing habit. Remarkable for the extreme delicacy of its foliage; the leaves are longer and of a lighter tint than those of *A. Plumosus Nanus*. As a decorative plant for contrast with the foliage of other plants it is one of the most effective. The sprays retain their beauty a long time when cut. 25 to 50 cts. each; \$2.50 to \$5.00 per dozen.



## ASPARAGUS PLUMOSUS NANUS.

The stems of this extremely elegant plant are tufted, slender and gracefully arching. From the upper portions the branches, which are finer than the fronds of the most delicate Fern, spread in all directions. The whole plant is of a bright cheerful green. It is one of the most distinct and effective decorative plants for the stove or warm conservatory. 50 cts. to \$1.00 each.

## ARALIA VEITCHII.

A splendid decorative plant with finely divided foliage, which is of a glossy green above and dark red beneath; it is of an elegantly graceful habit, and unsurpassed as a plant for table decoration. \$1.00 to \$1.50 each.

## ALLAMANDA HENDERSONI.

A useful climber, for training over trellises or posts in the warm conservatory, producing in clusters tubular-shaped flowers two and one-half inches across, of a bright golden yellow color. 50 cts. each.

## AMORPHOPHALLUS CAMPANULATUS.

One of the most wonderful Aroids in existence. The flowers measure six feet in circumference; colors red, black and brown. Foliage most magnificent, palm-like, graceful; of easy growth. Fine bulbs, \$1.00 to \$5.00 each.



ARAUCARIA EXCELSA.

## ARAUCARIA EXCELSA.

(Norfolk Island Pine.)

Beautiful specimens of this popular Evergreen, one of the most useful and attractive decorative plants. 24 to 30 inches high, \$3.00 to \$5.00 each.



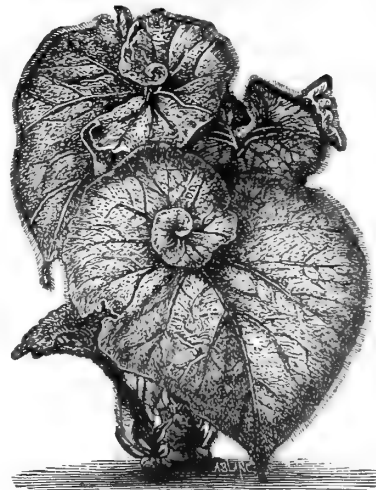
AZALEA INDICA.

## AZALEA.

(Chinese Azalea.)

Beautiful plants for window or conservatory decorations. The ease with which they can be grown and their diversity of color will always keep them in public favor. They force readily, are perfectly hardy south of Washington, and if protected by cold frames can be safely kept over winter even in the North. The collection we offer comprises the cream of the best continental establishments.

We can supply plants at 25 cts., 50 cts., 75 cts., \$1.00 and \$1.50 each; \$2.00, \$5.00, \$9.00 and \$15.00 per dozen.



BEGONIA COUNTESS LOUISE ERDODY.

## BEGONIAS.

### BEGONIA REX.

(Painted Leaf Varieties.)

We offer ten of the most distinct and handsomely marked varieties of this beautiful class of Begonias. These are grown for their variegated foliage, and are very desirable for house and garden decorations, in shady positions, and especially well adapted for baskets, vases, etc.

25 cts. each; \$2.50 per doz.

### BEGONIA

#### ECLIPSE.

An entirely new variety possessing the same characteristics as Countess Louise Erdody, but with rich dark velvety-green foliage and a bronze colored edge and zone. A highly picturesque and ornamental plant.

50 cents each; \$5.00 per dozen.



BEGONIA REX.

### BEGONIA COUNTESS LOUISE ERDODY.

The leaf, which has a metallic lustre, appears dark silvery in the centre, shading into coppery rose toward the margin, which is broadly and evenly edged with the same hue, but darker and more brilliant. The striking peculiarity, however, which distinguishes it from all other Begonias, is that the two lobes at the base of the leaf do not grow side by side, but one of them winds in a spiral-like way until in a full-grown leaf there are four of these twists lying on the top of the leaf nearly two inches high. This is an exceedingly curious and interesting variety.

30 cents each; 4 for \$1.00.

\$3.00 per dozen.



BEGONIA ARGENTEA GUTTATA.

### BEGONIA.

#### Flowering Varieties.

We know of no plants better adapted to amateur cultivation than these; as pot plants for summer or winter cultivation they have few equals.

**Alba Picta.** A pretty species from Brazil, distinct in character. It is shrubby in habit and of compact growth. The leaves are glossy green, freely spotted with bright silvery white. Will make a really useful and pretty plant for decorative purposes. 25 cts. each.

**Argentea Guttata.** A cross between Begonia Olbia and Alba Picta; with foliage of large size, of a rich green spotted with silver; a beautiful variety. 25 cts.

**Rubra.** Dark green leaves, flowers scarlet rose, glossy and wax-like. 15 cts.

**Saundersoni.** Scarlet flowers, dwarf habit; in bloom continually. 15 cts.

**Semperflorens Gigantea.** The flowers of this new sort are brilliant carmine red, and are borne in large panicles. It is one of the best of the new Begonias, and possesses vigorous habit. The flowers are unusually large and brilliant, and stand well above the foliage. 25 cts.

Set of 6 varieties for \$1.00.





GLOIRE DE SCEAUX.

**BEGONIA GLOIRE DE SCEAUX.**

One of the finest flowering Begonias introduced for many years; it is of upright habit, producing during the entire winter large, open, flat flowers of a soft silky pink, contrasting well with the rich bronzy green foliage. 30 cents each; 4 for \$1.00.



METALLICA.

**BEGONIA METALLICA.**

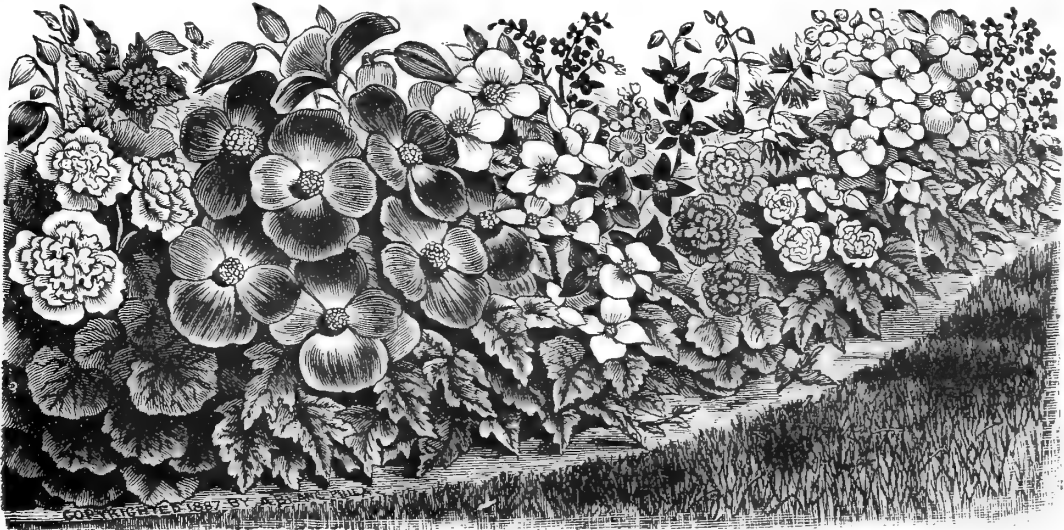
A fine erect-growing variety, with dark, rough leaves; the surface is a lustrous bronze green, veins depressed and dark red. 20 cents each.

Set of 6 varieties of flowering Begonias for \$1.00.

## Tuberous-Rooted Begonias.

The Tuberous-Rooted Begonias are among the handsomest of our summer-flowering bulbs. They are not grown to the extent they should be, as they require no more care than Geraniums, have as fine a range of color, and will bloom continuously throughout the summer, even when Geraniums droop through lack of moisture and fail to unfold their flowers. Planted either in the rockery or flower border, they rival the Geraniums with their rich and varied colors, ranging from the most delicate shade of yellow and salmon to the most striking crimson and scarlet. We have made a specialty of these charming plants for several years, have tried them thoroughly, and have no hesitation in saying they are destined to play a very important part in the bedding of the near future. With us they have bloomed profusely when planted out on rock-work or in the open ground, and have been a decided attraction.

Bright Scarlet, Orange Scarlet, Crimson Scarlet, Pink, White, Yellow, 25 cts. each, \$2 50 per doz., \$15.00 per 100.  
**Mixed Single**, 20 cts. each, \$2.00 per doz., \$12.00 per 100.     **Mixed Double**, 40 cts. each; \$4.00 per dozen.



SINGLE AND DOUBLE TUBEROUS-ROOTED BEGONIAS.





BOUVARDIA, ALFRED NEUMER.

**BOUVARDIAS.**

Shrubby plants, with corymbs of white, rose, crimson and scarlet flowers, blooming during the autumn and winter. Their dazzling richness of color makes them one of the most useful of our winter-blooming plants.

**Alfred Neumer.** The flowers are composed of three perfect rows of petals of the purest waxy-white color, each floret resembling a miniature tuberose.

**Davidsoni.** The best of the single white varieties; sometimes delicately tinged with pink.

**Humboldtii Corymbiflora.** Long, tube-shaped, pure white flowers; very fragrant.

**President Cleveland.** A grand single-flowered variety of the same habit as Elegans, with intense dazzling scarlet flowers.

**Rosea Multiflora.** Beautiful shade of salmon rose, very free-blooming.

15 cts. each; set of 5 for 60 cts.

**CAMELLIA JAPONICA.**

The varieties we offer of this desirable plant are the best of their respective color, and consist of white, pink, mottled, rose, etc. We can supply 12 distinct sorts.

1st size, \$2.00 each; \$20.00 per doz.

2d " 1.25 " 12.00 "

3d " .75 " 9.00 "

**COLEUS.**

Whether grown as individual plants or for massing in ribbon gardening, they are in every way very desirable. The list embraces the best old sorts and novelties, and has been carefully selected from a large collection.

**Bizarre.** Purplish crimson centre, edged yellow.

**Chas. D. Jacobs.** Mottled crimson, maroon, green and yellow; a distinct and pretty variety.

**Exquisite.** Violet carmine, green margin.

**Firebrand.** A fine bedder, dark crimson, shaded garnet.

**Golden Bedder.** Fine yellow foliage; good bedder.

**Maroon Velvet.** Rich velvety maroon.

**Mrs. Bement.** Large cream-colored leaves, with narrow edge of green.

**Mrs. J. C. Cowles.** Bright green foliage with broad yellow border.

**Queen Victoria.** Crimson, the brightest golden edge.

**Rainbow.** Bright blood-red crimson, yellow margin.

**Red Cloud.** Crimson and blackish brown.

**Shylock.** Large, dark maroon leaves, with rich crimson midrib and veins; very distinct.

**Verschaffelti.** Rich velvet crimson.

**Golden Verschaffelti.** Fine yellow foliage.

10 cts. each; \$1.00 per doz.; \$6.00 per 100.



SPOTTED CALLA.

**SPOTTED CALLA.**

(*Richardia Alba Maculata.*)

The leaves of this variety are deep green, with numerous white spots, which gives the plant a very ornamental appearance. The flowers are pure white, with a black centre. They grow freely, either in-doors or out.

20 cts. each; \$2.00 per doz.

**WHITE CALLA.**

(*Richardia Æthiopica.*)

The White Calla, or Lily of the Nile, is a well-known plant of easy culture, and in winter is one of our best window plants. To aid profuse blooming, keep them dormant from the middle of June to last of August, repot in good rich soil, using a 4 to 6 inch pot, give water, light and heat in abundance, and the result will be most satisfactory. Dry bulbs 20 cts. each; \$2.00 per doz.; extra large, 30 cts. each; \$3.00 per doz.

**YELLOW CALLA.**

(*Richardia Hastata.*)

Resembling in all respects the White Calla, excepting that the flowers are of a light yellow.

\$1.50 each.

**BLACK CALLA.**

(*Arum Sanctum.*)

This interesting variety resembles in habit and foliage the White Calla, with flowers of a rich dark purple color over a foot in length and 4 to 6 inches across. The spike or spadix is about 10 inches long and of an ebony black color.

\$1.00 each.



BLACK CALLA.

**New Dwarf Calla "Little Gem."** A new dwarf variety of the *Richardia Æthiopica*, growing about half as high as that well-known sort. It is very free flowering and fine for pot culture. 50 cts. each.

# CALADIUMS.

## Fancy-Leaved Varieties.

For many years the Fancy-Leaved Caladiums have been a special feature of our establishment. We grow several large houses of these beautiful plants alone. Our collection has been carefully revised and contains only first-class, distinct and well-marked varieties, and is acknowledged to be the finest in the country. Their greatest value is for the decoration of conservatories, greenhouses and window boxes, while nothing can surpass them as exhibition plants for fairs during the summer and fall. Most of the varieties, if planted about the first of June in partly shaded warm borders, in well-enriched light soil, succeed admirably as bedding plants, the various colorings and markings of which cannot be obtained in any other class of plants. We list 40 fine sorts, but from our collection of over 75 sorts we are able to supply other varieties equally distinct and fine. Many of the fine varieties do not show their variegation when young, and often appear exactly the same as older sorts.



**Argyrites.** Distinct small leaved variety, never exceeding 6 inches in height, bright, pea-green leaves, beautifully spotted and marbled with white.

**Arethusa.** Light green, gray centre and ribs, rosy crimson spots.

**Auguste Reviere.** Foliage green, with gray centre and crimson spots.

**Baron Rothschild.** Green, spotted and veined with orange crimson.

**Berose.** Deep green spotted, red veins and midrib crimson, light green centre.

**Bicolor Fulgens.** Lively green, with crimson-rayed centre.

**Boildieu.** Bright crimson centre, deep green margin.

**Canerti.** Green spotted white, crimson centre.

**Candida.** Clear white ground, strongly marked ribs and margin.

**Cajubi.** Bright crimson ribs and veins on a deeper zone, with bright green border.

**Chantini Splendens.** Spotted rose and crimson, brilliant centre.

**Diana.** Rich green, spotted red centre, crimson rayed.

**Duchartre.** Green, white veins, shaded rose.

**E. G. Henderson.** Green, spotted rose, rayed crimson.

**Euterpe.** Rich crimson veins on a bronzy-green ground, suffused with white.

**Guanabara.** Creamy white foliage, the entire leaf covered with transparent white spots.

**Isadore Leroy.** Metallic green, crimson-rayed centre.

**Jupiter.** Green ground, splashed with white, bright crimson midrib.

**Junon.** Crimson ground, green margin, and white spots.

**L'Albane.** Pure white ground, green veins, very large foliage.

**La Perle du Bresil.** White, delicately tinted with rose, midrib and veins dark green; large and transparent; one of the loveliest in cultivation.

**Lepay.** Deep green, attractively marked with white, veined with rosy crimson.

**Lepeschkenei.** Large spots of rich rose-color, bright red centre.

**Louis Duplessis.** Red rays and veins, on a white ground, green margin.

**Louis Poirier.** Crimson ground, white spots and green margin; finely marked.

**Mad. Fritz Koechlein.** White ground, violet rose ribs, green veins; very handsome.

**Mad. Alfred Bleu.** Deep green, white blotches, broad veins of crimson scarlet.

**Max Kolb.** Gray centre with crimson blotches.

**Marchandi.** Greenish white centre, crimson ribs, green border; distinct.

**Meyerbeer.** White, veins green, midrib red.

**Mons. J. Linden.** Large whitish leaves, with metallic reflections, coral rose veins, and reticulated green border.

**Mons. Pauchard.** Light colored ground marbled with dark crimson; light green veins and border; a bold and striking variety.

**Napoleon III.** Flamed crimson centre and spots on green ground.

**Reine Marie du Portugal.** Violet-rose centre, red veins, dark maroon zone, green border.

**Sanchoniatum.** Crimson centre, deep crimson ribs and pea-green margin.

**Sieboldii.** Fiery red centre, spotted with claret red.

**Triomphe de l'Exposition.** Crimson centre, bright red ribs and green border.

**Ville de Mulhouse.** Grayish green leaves, shaded rose and rich green centre.

**Walter Scott.** Rich crimson veins, on a bronzy green ground, suffused with white.

**Wightii.** Light green, with crimson and white spots.

30 cts. each, \$3.00 per dozen. Set of 40 varieties, one of each, for \$8.00, or a full set of 75 varieties, one of each, for \$14.00.

**CALADIUM ESCULENTUM.****Elephant's Ear.**

One of the most effective plants in cultivation for the flower border or for planting out upon the lawn; it will grow in any good garden soil, and is of the easiest culture. To obtain the best results it should be planted where it will obtain plenty of water, and an abundance of rich compost.

Foliage light green. When full size it stands 6 feet high, and bears immense leaves 3 to 4 feet long by 2½ feet wide. Medium size, 15 cts. each; \$1.50 per doz. Second size bulbs, 25 cts. each; \$2.50 per doz. Large, 35 cts. each; \$3.50 per doz. Extra large, 50 cts. each.

**CALADIUM BATAVIENSIS.**

Similar to Esculentum in form, but bearing dark green leaves with black stems.

15 and 25 cts. each; \$1.50 and \$2.50 per doz.

**CISSUS DISCOLOR.**

A beautiful climber for hanging baskets, with mottled and marbled crimson and green foliage.

30 cts. each.

**CROTONS.**

Of this beautiful class of ornamental foliage plants we offer twelve of the finest varieties.

30 to 50 cts. each; \$3.00 to \$5.00 per doz.

**CYCAS REVOLUTA.****(Sago Palm.)**

These are magnificent plants of noble and majestic habit, and most impressive. They are probably the most valuable decorative plants

grown both for lawn and house decoration; their heavy glossy deep green fronds resist alike the gas, dust and cold to which decorative plants are frequently exposed. We grow an immense stock of these, and can supply fine specimens at \$5.00, \$10.00, \$15.00, \$25.00 and \$35.00 each. Small plants 50 cts. to \$1.00.

**CYANOPHYLLUM MAGNIFICUM.**

A noble stove-plant, with beautiful foliage, upper surface rich velvety green, midrib and primary veins ivory white, under side reddish purple. \$1.00 each.



CYCAS REVOLUTA.



CALADIUM ESCULENTUM (Elephant's Ear).

**CLERODENDRON BALFOURI.**

A hot-house climber, bright scarlet and white flowers, curious shape; admirable house plant. 25 cts. each.

**COBEA SCANDENS.**

A beautiful climber of rapid growth, bearing large purple bell-shaped flowers. For covering arbors, trellises, etc., it is indispensable, as its dark green foliage and pretty flowers make it very attractive. 15 to 25 cts. each; \$1.50 to \$2.50 per doz.

**CESTRUM PARQU.****(Night-Blooming Jasmine.)**

A beautiful tender shrub of easy cultivation, with small greenish white flowers, of delightful fragrance which is dispensed during the night only. 15 cents each.

**CYCLAMEN PERSICUM GIGANTEUM.**

A charming greenhouse bulb, which succeeds admirably in the house. 30 to 50 cts. each.

**DIEFFENBACHIA BAUSEL.**

A stove plant of easy culture, foliage yellowish green, margined and irregularly blotched with dark green, and profusely spotted with white.

50 cts. each.

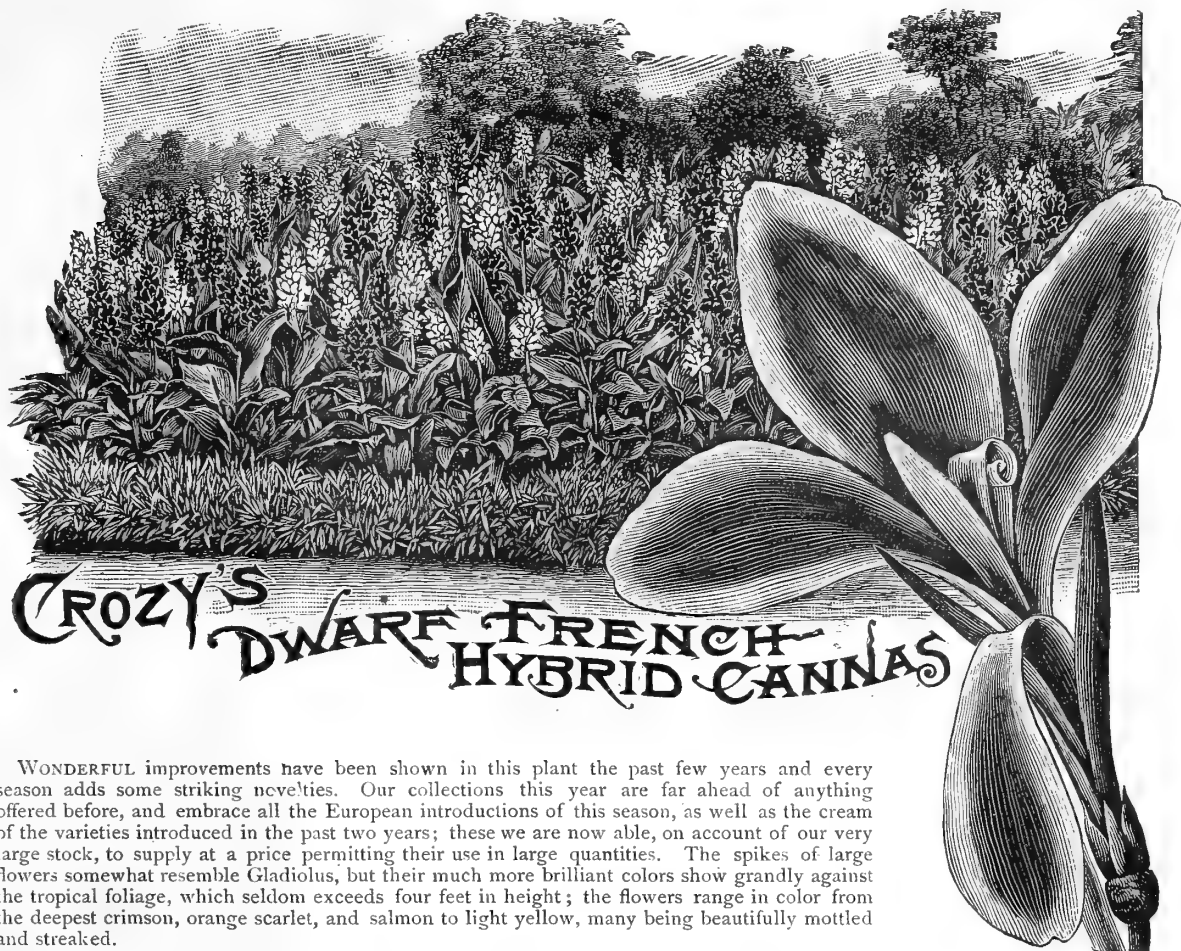
**EUCHARIS****AMAZONICA.**

A splendid hot-house plant, blooming nearly the entire season. It sends up stalks bearing several pure white, star-shaped flowers, 4 inches across, delightfully fragrant. It is very highly prized in bouquets, baskets, etc. Pot in light rich soil, well drained, water freely in the growing season, giving a slight rest in fall.

30 cts. to \$1.00 each.



CESTRUM PARQU.



MADAME CROZY.

## NEW EVERBLOOMING CANNAS.

We call especial attention to the three beautiful varieties, Madame Crozy, Alphonse Bouvier and Baron de Sandrans. They are the gems of recent introduction; without them no collection of Cannas is complete.

### MADAME CROZY.

This is undoubtedly the finest and most distinct variety yet introduced. The flowers are of the largest size, of a dazzling crimson scarlet bordered with golden yellow.

The plant is of vigorous growth, yet dwarf in habit, seldom exceeding four feet in height. The foliage is of a rich cheerful green and very massive; the flowers are produced in large branching stems, which are closely set with bloom, each stem being really a bouquet in itself.

It is a remarkably free-flowering variety. Small plants set out on the 10th of June were in full bloom on July 15, when only eighteen inches high, and continued in full flower until cut by frost in October. Cut flowers exhibited by us the past two seasons were admired above all others.

Price \$1.00 each; \$10.00 per dozen; \$75.00 per 100 (25 at hundred rate).

### ALPHONSE BOUVIER.

What Mad. Crozy is among the scarlet varieties, we consider Alphonse Bouvier among the crimsons, and were we to choose one of the two, it would be difficult for us to show a preference. In color it is the most intensely brilliant crimson yet introduced, and is undoubtedly the best bedding variety for planting in masses now in cultivation; on first opening the flowers are of an intensely brilliant crimson, approaching scarlet, changing to a deep crimson as they fully develop. The foliage is of a rich green; the plant is of strong, robust habit and exceedingly floriferous.

Our stock of this grand novelty is limited, and orders will be executed in strict rotation at \$1.50 each.

### BARON DE SANDRANS.

This variety is somewhat on the style of Mad. Crozy, but of a smaller type both in size of flower and foliage. It is, however, exceedingly floriferous and should become very popular.

50 cts. each; \$5.00 per dozen; \$35.00 per 100.



# LARGE FLOWERING FRENCH CANNAS—Continued.

## COLLECTION A.

### Introductions of 1892.

- Baronne de Renowardy.** Flowers of fair size, of a rosy salmon overlaid with scarlet; foliage deep green edged with purple.  $3\frac{1}{2}$  feet.
- Capitaine P. de Suzzoni.** One of the very finest spotted varieties; the ground color is of a rich canary yellow, while the entire flower is spotted with cinnamon red; foliage light green. 4 feet.
- Henry A. Dreer.** Flowers large, of a very rich crimson; foliage bronzy-purple, entirely distinct. 4 feet.
- J. Thomayer.** Flowers of very large size, produced in large spikes of a most intensely rich orange scarlet; foliage of a rich bronzy-purple. 4 feet.
- Mrs. Sarah Hill.** Flowers of a rich carmine, of good size; foliage green.  $3\frac{1}{2}$  feet.
- P. Marquant.** An excellent variety with very large flowers of a bright salmon scarlet, passing to rosy carmine; foliage dark green. 3 feet.
- Statuaire Fulconis.** Flowers of medium size, but produced in the greatest profusion, of rich dazzling scarlet shaded amaranth; foliage deep green. 4 feet.  
\$1.00 each; the set of 7 varieties, \$6.00.

## COLLECTION B.

### Introductions of 1891.

- Duc de Montenard.** Flowers large, produced in strong heads, of a rich orange yellow, spotted with cinnamon red; foliage green.  $4\frac{1}{2}$  feet.
- Edward Michel.** Large flowers of a rich salmon overlaid with scarlet, marked with yellow; foliage green. 4 feet.
- E. Chevreul.** Flowers brownish red, striped with pale yellow, entirely distinct; foliage green.  $4\frac{1}{2}$  feet.
- Etocadero.** Bright crimson scarlet overlaid with orange; foliage dark green. 5 feet.
- Mr. Cleveland.** Flowers very large, of a rich orange scarlet; foliage deep green. 5 feet.
- Mr. Lefebvre.** Flowers of large size, rich carmine; foliage rich bronzy-purple.  $4\frac{1}{2}$  feet.
- Mlle. de Cruillon.** Flowers of large size, of a light yellow, shading to terra cotta; foliage green. 3 feet.
- President Hardy.** Flowers pure salmon color on a light yellow ground; foliage bright green.  $4\frac{1}{2}$  feet.
- Perfection.** Bright golden yellow flowers, minutely spotted with cinnamon red; foliage green.  $3\frac{1}{2}$  feet.
- Secrétaire Nicolas.** Flowers rich salmon red, overlaid with orange; foliage pea green.  $3\frac{1}{2}$  feet.
- Segonaire.** A most distinct variety, with intensely rich vermilion flowers; foliage dark green with bronzy-purple veins and stems. 5 feet.
- The Garden.** Most intense orange scarlet flowers of large size, foliage green. 4 feet.  
75 cts. each; the set of 12 varieties, one of each, \$7.50.

## COLLECTION C.

### Introductions of 1890-91.

- Chevalier Besson.** Flowers very large, of a rich orange scarlet overlaid with vermilion; foliage dark green with purple edge. 6 feet.
- Comte Horace de Choiseaul.** Flowers of a deep crimson of large size; foliage deep green.  $4\frac{1}{2}$  feet.
- Doyen Jo. Sisley.** Flowers large, of a clear magenta overlaid with carmine; foliage bright bronzy purple.  $3\frac{1}{2}$  feet.
- Duchess de Montenard.** Very large flowers of a bright yellow spotted with red; foliage green.  $4\frac{1}{2}$  feet.
- Frederic Benary.** Flowers large, of an intense rich crimson; foliage deep green. 4 feet.
- Gen. Baron Berge.** Foliage deep green; flowers large, of an intense rich crimson. 3 feet.
- Geoffroy St. Hillaire.** Scarlet and orange, dark foliage.  $4\frac{1}{2}$  feet.
- Henri L. de Vilmorin.** An entirely distinct variety and of a most pleasing color; the centre of the flower is of a brownish red, shading off at the outer edge of the flower to a bright yellow, the two colors contrasting most beautifully; foliage pea-green. 4 feet.

## COLLECTION C—Continued.

- La Guill.** Flowers very large, of a beautiful rich salmon; foliage deep green.  $5\frac{1}{2}$  feet.
- Mr. Laforeade.** Flowers of large size, of a deep salmon, shaded brick red; foliage deep bronzy purple. 3 feet.
- Petit Jeanne.** Bright crimson scarlet, edged with golden yellow; foliage green. 3 feet.
- Vitticulteur Gaillard.** Flowers of a very large size, of a bright vermilion scarlet; foliage green. 6 feet.  
50 cts. each; the set of 12 varieties, \$5.00; per 100, \$30.00.

## COLLECTION D.

### Introductions of 1890-91.

#### 14 Choice Selected Varieties.

25 cts. each; set of 14 varieties, \$3.00; per 100, \$18.00.



CANNA, STAR OF '91.

## CANNAS.

### GENERAL COLLECTION.

- Star of '91.** Of dwarf compact habit, of a bright orange scarlet color faintly banded with yellow; foliage bright green. 3 feet. 75 cts.
- Brenningsi.** Broad green foliage, ornamented with broad bands of yellow; constant variegation.
- Ehemanni.** The most distinct of all Cannas on account of its large oval soft green leaves and carmine red flowers, which are produced on long flower stems.
- Emile Leclerc.** Flowers large, bright golden yellow, mottled and spotted crimson and scarlet.
- President Faivre.** Foliage bronzy maroon, flowers crimson; one of the best dark-leaved varieties.
- Premices de Nice.** Long green leaves; yellow flowers.
- Robusta Perfecta.** Immense leaves 12 to 18 inches wide and 3 feet long, of a bright bronze red color.
- Strelitzæflora.** Broad, massive deep green foliage; brilliant orange scarlet flowers. 3 to 4 feet.
- Souv. de Barrillet Deschamps.** Green, shaded maroon; crimson flowers.  
15 cents each; set of 8 varieties, \$1 00; per dozen, \$1.50; per 100, \$10.00.



# Novelties in Carnations.



## New Striped Carnation American Flag.

A most distinct and novel variety, a sport from that fine scarlet "Portia," from which it differs in color; the flowers, which are of good size and fine form, are distinctly striped with alternate bands of red and white. 25 cts. each; 5 for \$1.00; 12 for \$2.00.

**Daybreak.** A genuine novelty in color, being a very delicate shade of pink, and is admired by every one. 25 cts. each; 5 for \$1.00; 12 for \$2.00.

**Golden Gate.** This is the finest of all the yellow varieties, full and double as Buttercup, but a brighter golden color. It is a very vigorous and healthy grower. 25 cts. each; 5 for \$1.00; 12 for \$2.00.

**Grace Darling.** 30 cts. each; 4 for \$1.00; 12 for \$2.50.

**Hector.** A very fine new scarlet; brilliant in color, long stemmed and very free. 25 cts. each; 5 for \$1.00; 12 for \$2.00.

**Nelly Lewis.** A novel variety and entirely distinct from all others, of a most pleasing soft shade of pink; it is a strong grower, a free bloomer, and exquisitely fragrant. 25 cts. each; 5 for \$1.00; 12 for \$2.00.

**Lizzie McGowan.** An elegant new white variety that is destined to become very popular, being of the purest white color, large, full and very attractive; very prolific and fragrant. 25 cts. each; 5 for \$1.00; 12 for \$2.00.

**Wm. F. Dreer.** This fine variety is a seedling from Buttercup crossed with Century. It is of exceedingly strong, healthy growth, upright and robust, with a majority of long stems, and often four full blown flowers on a single spike at one time. Its color is a beautiful rose pink, deeply fringed petals, very large, often three inches in diameter, and does not burst its calyx. All who have seen it pronounce it the most perfect Carnation yet produced. 25 cts. each; 5 for \$1.00; 12 for \$2.00.

The full set of 8 new Carnations, one of each variety, for \$1.50.

## TWELVE POPULAR CARNATIONS.

The following list is the cream of the older and most popular varieties now grown extensively for cut flowers.

**Anna Webb.** A fine crimson, deeply fringed, of medium size, and branching

habit; florets very full; a free, continuous bloomer.

**Buttercup.** Rich golden yellow, with a few streaks of clear carmine; of vigorous habit and very floriferous. The florets are full and very double, from 2½ to 3 inches in diameter.

**Chester Pride.** White, pencilled rosy carmine; large, strong, good habit.

**Constasy.** A glowing scarlet, large, finely fringed, of strong healthy growth.

**Dawn.** Neither what is called a straight or solid color, or variegated, but a blending from the centre of the flower outwards, of a soft delicate pink or rose color to pure white at the edge, delightful fragrance.

**Geneva.** Marked purple on white ground, of dwarf free habit.

**Grace Wilder.** Bright, rosy pink, very fragrant.

**Hinze's White.** Pure white, very free.

**J. R. Freeman.** Rich cardinal crimson, delightfully sweet clove-scented.

**L. L. Lamborn.** A dwarf, compact grower, bearing on long stems fine waxy white flowers; very large floret; unsurpassed by any in perfection of bloom.

**Portia.** The finest scarlet yet introduced, of vigorous, healthy growth, and very free.



WILLIAM F. DREER.

**Tidal Wave.** A very dwarf variety, of a carmine pink color, very productive and early. 15 cts. each; \$1.50 per dozen; \$8.00 per 100.

# GRAHAM'S New Chrysanthemums.

The following set of twelve varieties is a selection of the cream of a large collection of seedlings, many of which were awarded prizes and certificates of merit at the different Chrysanthemum shows in the autumn of 1891.

**Leila.** An entirely distinct and novel variety on account of the peculiar twisting and overlapping of the petals, which gives the flower a most grotesque but at the same time graceful appearance; this, together with its color, of the most delicate soft mermet pink, will undoubtedly make it one of the most valuable and popular cut flower varieties.

**Logan.** A magnificent large incurved variety, flowers white beautifully striped with rose, reverse of petals silvery pink; one of the six varieties that were awarded the Spaulding prize at the Philadelphia Exhibition for the six best new seedlings of 1891.

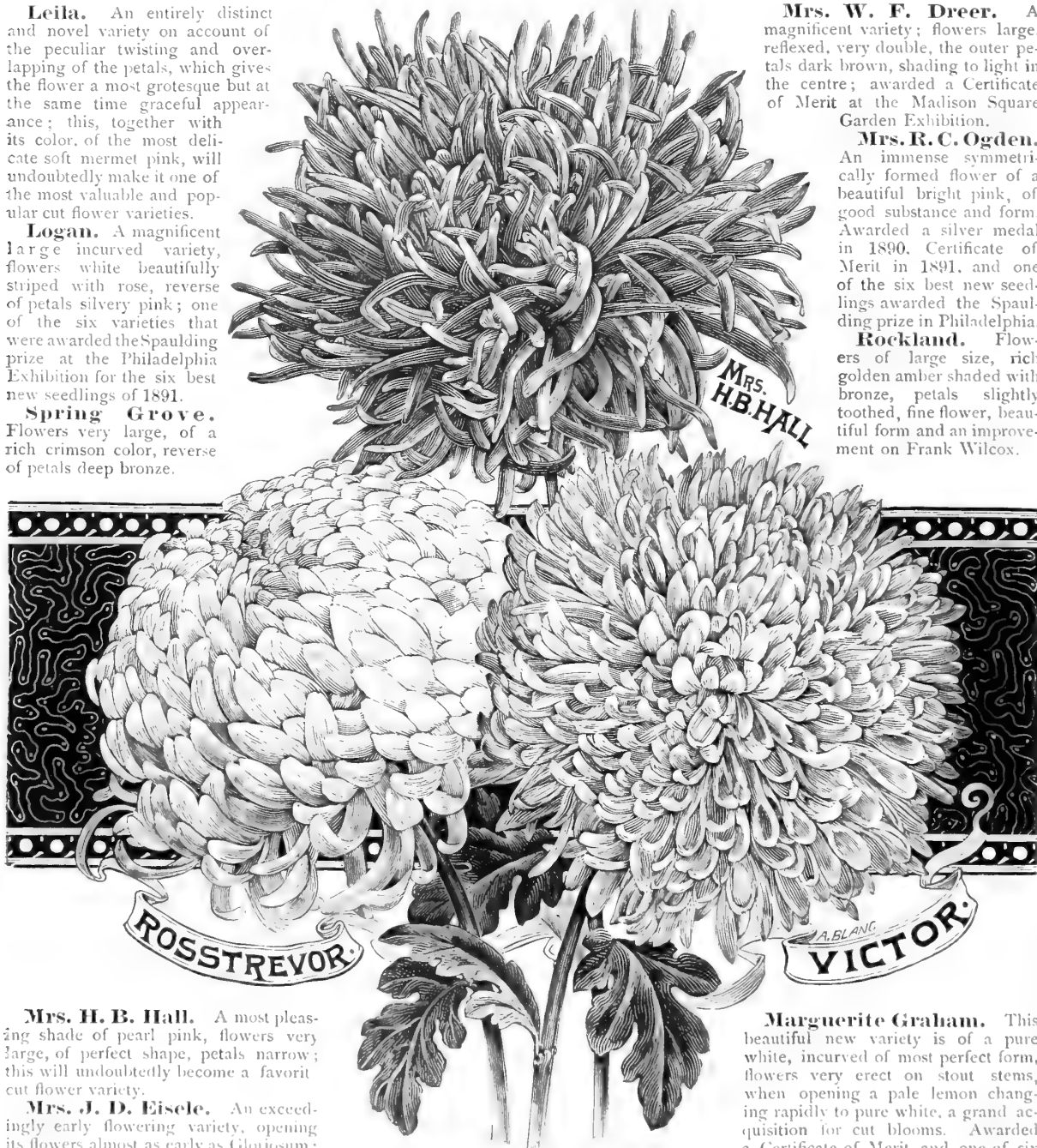
**Spring Grove.** Flowers very large, of a rich crimson color, reverse of petals deep bronze.

**Mrs. W. F. Dreer.** A magnificent variety; flowers large, reflexed, very double, the outer petals dark brown, shading to light in the centre; awarded a Certificate of Merit at the Madison Square Garden Exhibition.

**Mrs. R. C. Ogden.**

An immense symmetrically formed flower of a beautiful bright pink, of good substance and form. Awarded a silver medal in 1890. Certificate of Merit in 1891, and one of the six best new seedlings awarded the Spaulding prize in Philadelphia.

**Rockland.** Flowers of large size, rich golden amber shaded with bronze, petals slightly toothed, fine flower, beautiful form and an improvement on Frank Wilcox.



**Mrs. H. B. Hall.** A most pleasing shade of pearl pink, flowers very large, of perfect shape, petals narrow; this will undoubtedly become a favorite cut flower variety.

**Mrs. J. D. Eisele.** An exceedingly early flowering variety, opening its flowers almost as early as *Gloriosum*; in color it is of a rich orange shaded with crimson, flowers large and of good substance; one of the six that were awarded the Spaulding prize at the Philadelphia Exhibition.

**Rosstrevor.** A grand variety, and entirely distinct from all others; in color it is a pleasing shade of bronzy yellow of large size, borne on stout stiff stems; petals stiff and crisp, beautifully incurved, forming a large rounded surface very similar in shape to the popular *Harry E. Widener*.

**Marguerite Graham.** This beautiful new variety is of a pure white, incurved of most perfect form, flowers very erect on stout stems, when opening a pale lemon changing rapidly to pure white, a grand acquisition for cut blooms. Awarded a Certificate of Merit, and one of six

which took the Spaulding prize at Philadelphia.

**Rev. J. C. Hanna.** Very large perfectly formed flowers, pink with ends of petals tipped with silvery white; one of the six that were awarded the Spaulding prize at Philadelphia.

**Victor.** One of the very best, flowers exceptionally fine and most perfect in shape, in color it is a rich golden yellow slightly shaded with bronze. Awarded a first-class certificate at the Philadelphia Exhibition in 1891.

50 cts. each; the set of 12 varieties, \$5.00. Ready March 1st, 1892.

**CHRYSANTHEMUMS**—*Continued.***SPAULDING'S NOVELTIES FOR 1892.**

The following set of twelve new Chrysanthemums were selected from the prize winners at the Pennsylvania Horticultural Society and Madison Square Garden Exhibitions and include some of the finest varieties yet introduced.

**Roslyn.** A superb clear mermet rose pink, petals thick and heavy, cup-shaped, solid to the centre, immense in size, stems stiff and erect, covered with the most luxuriant foliage. The best pink in commerce. Awarded Silver Medal by Pennsylvania Horticultural Society, Certificate of Merit at Madison Square Garden Exhibition, and was one of the varieties winning the Spaulding prize at Philadelphia for best six new seedlings. Single plants \$1.50.

**E. Hitzeroth.** A magnificent extra large flower, petals broad and peculiarly arranged, completely filling centre. Bright lemon yellow, exquisite and novel form. Awarded at Madison Square Garden Exhibition the Winslow Cup for best yellow. Single plants \$1.50.

**Col. Wm. B. Smith.** An immense double high built flower, petals very broad and large, forming a solid mass of the richest bright golden bronze. Awarded Certificate of Merit at Madison Square Garden Exhibition, also the Bird Cup for best seedling not yet in commerce, and Certificate of Merit by Pennsylvania Horticultural Society. Single plants \$1.50.

**Ruth Cleveland.** A chaste and beautiful acquisition of large size, petals broad and cup-shaped, outer rows reflex, inner ones incurved, forming a high built centre of most delicate silvery pink. One of the collection winning the Astor Cup.

**H. F. Spaulding.** A grand Japanese variety of most novel shape and effect. Color rich apricot yellow shading to rose, centre petals clear yellow, bloom solid and double, high built, and of largest size. Awarded the Ladenburg Cup at Madison Square Garden Exhibition. Single plants \$1.50.

**Lillian Russell.** A beautiful broad petaled, clear silvery pink, incurving and forming an immense round ball of largest size, an early flowering variety; was among the collection winning the Astor Cup at Madison Square Garden.

**Ada H. Le Roy.** A fine symmetrically formed variety, petals broad and cupped full to the centre, color deep rose pink, extra large flower. Awarded Certificate of Merit by Pennsylvania Horticultural Society.

**J. N. May.** Extra large, deep ox blood red, color of Mrs. J. T. Emlin, but much larger and more double, reverse of petals shaded copper bronze, full and solid bloom. A magnificent acquisition.

**Mrs. J. W. Morrissey.** A mammoth flower with full double centre, color silvery pink, inner surface of petals bright rose; a grand exhibition bloom. Awarded Certificate of Merit by Pennsylvania Horticultural Society.

**Eva Hoyte.** An immense double Japanese bloom of clearest and brightest yellow, a solid ball with full high built centre. Two hundred and fifty dollars was paid for the control of this magnificent yellow. Single plants \$1.50.

**A. Ladenburg.** A full and extremely double Japanese variety of immense size, having been grown ten inches across; color a clear delicate rose pink; magnificent for exhibition specimens. Certificate of Merit by Pennsylvania Horticultural Society, also at Madison Square Garden Exhibition.

**Shenandoah.** Magnificent broad flower, full and double to the centre, petals over an inch in width, color deep chestnut brown on both upper and lower surfaces, the entire bloom being a solid color without shading, novel and distinct. Prize winner at Philadelphia.

Single plants, except when noted, \$1.00 each; the collection of twelve varieties \$10.00. Ready for distribution March 1st.

**Twenty Exhibition Varieties of Established Merit.**

The collection named below is a selection of the most prominent exhibition varieties; it embraces all the different shades of color and variety of forms, and is sure to give satisfaction.

**Ada Spaulding.** Habit most sturdy and robust; color distinct; the lower half of the flower being a rich deep pink shading in upper portion to the purest pearl white.

**Frank Wilcox.** Erect petals, slightly toothed, rich golden amber, slightly shaded deep bronze. 15 cts.

**Frank Thomson.** A splendid flower, very nearly spherical in form; petals very broad and heavy, and finely incurving; it is very nearly white in color, only showing a touch of pearl-pink at the base of the petals.

**Grandiflorum.** Bright golden yellow; very large flower; very fine.

**Harry E. Widener.** Bright lemon-yellow without shadings. Flower large, on stiff, stout stems that hold the flowers erect, without support; incurving, forming a large rounded surface; petals crisp and stiff; very free in growth, but not coarse. The finest yellow in cultivation.

**Ivory.** Snowy white, of perfect incurved form, very large; this is undoubtedly one of the most useful introductions of late years, as it is an early variety, of dwarf habit and free flowering.

**Lilian B. Bird.** Flowers of the largest size, with full, high centre; petals tubular; the color is an exquisite shade of shrimp pink.

**Louis Boehmer** has the same remarkable hair-like growth or excrescences that appeared for the first time in the white variety, "Mrs. Alpheus Hardy," but it differs from it in color, being a *beautiful shade of lavender pink*. The flowers are splendidly incurved; the inside of the petals are deep rose, so that the contrast between their inner and outer surfaces is very decided, and adds greatly to the appearance of the flowers.

**Miss Minnie Wanamaker.** Creamy white, of very large size, and so much incurved as to resemble a white ball.

**Miss Mary Wheeler.** Pearly white, the petals delicately tinted on outer edge with pale pink; of exquisite form; very beautiful.

**Mrs. Alpheus Hardy.** This wonderful Chrysanthemum has created a sensation wherever shown, being totally distinct from every other variety. It is pure white, of immense size, broad petaled, and incurved, the surface being downy, like loose-piled plush; the entire flower seems frosted with glittering white.

**Mrs. Irving Clarke.** Pearly white on the margin, shading to deep rose in the centre, which is beautifully whorled; reflexed; very large and distinct.

**Mrs. M. J. Thomas.** Pure white, very broad petals, incurved. 15 cts.

**Mrs. Chas. Wheeler.** Old gold and crimson; one of the most distinct.

**Mrs. E. W. Clarke.** A beautiful flower of regular form; slightly incurved, whorled centre; deep rich crimson magenta, of a pleasing shade.

**Mrs. D. D. Farson.** Size immense, solid and compact; color bright mermet pink. 50 cts.

**President Harrison.** An immense flower, the outside petals of a deep salmon red, the centre being deep red, cup shaped; a robust grower.

**Puritan.** One of the very finest white sorts in cultivation, large and free, and of a very good habit; a magnificent flower. 15 cts.

**Robert Bottomly.** A grand white variety, surpassing Moonlight in size and substance. 15 cts.

**Wm. H. Lincoln.** A magnificent golden yellow variety, straight, flat, spreading petals. An extra large flower, completely double, and of great substance.

25 cts. each, except where noted; the set of 20 varieties for \$4.00; \$2.50 per dozen.

## NEWER VARIETIES OF CHRYSANTHEMUMS.

The following is a selection made from a large collection of new varieties; introductions of 1890 and 1891.

**Anna M. Weybrecht.** A magnificent Chinese variety of purest snow white; petals solid, broad and firm. 50 cts.

**Addie Decker.** A dazzling shade of mandarin yellow, enlivened with salmon and flame color.

**Advance.** A beautiful shade of rosy pink; flowers of the largest size and very double.

**Carrie Denny.** Clear amber, entirely distinct from anything in cultivation. A most novel and striking color. Comes in large spherical balls, incurving and slightly whorled.

**Charles Canfield.** Extra large and full, double, incurving bloom, of robust habit; color claret red, reverse silvery pink. 50 cts.

**Clancey Lloyd.** Delicate flesh pink, changing to pure white; petals medium in width, flat and cup shaped, incurving covering centre. 50 cts.

**Charles A. Reeser.** A novel and peculiar shade of color; quite distinct. Rosy pink, with lighter shadings.

**Clara Riemen.** Rich lavender rose, shading to silvery rose, with a white centre.

**Cyclone.** An enormous Japanese variety, creamy white. Centre petals arranged in long whorls forming a complete mountain-like effect.

**Emily Dörner.** Is a rather dwarf grower, but very sturdy; the flower is nicely incurved, petals broad, and of the richest shade of orange-yellow, touched with crimson. 50 cts.

**Elmer D. Smith.** Color cardinal red, of a very rich pleasing shade, faced upon the back of the petals with clear chamois. 50 cts.

**Edwin Lonsdale.** Probably the darkest variety in cultivation, being of a deep mulberry color, with a velvety appearance.

**E. G. Hill.** Immense bloom of brightest golden yellow, full and very double. Lower petals sometimes deeply shaded bright carmine.

**Evaleen Stein.** A grand flower of large size, very double and full, of a delicate white color. 50 cts.

**Garnet.** Showy Japanese variety, inner side of petals a rich wine red, reverse silvery pink. On first opening petals have a peculiar manner of twisting or curling, showing the reverse color. When fully expanded they display the rich red color.

**G. P. Rawson.** A superb double variety, very large, of an entirely new stock. Rich buff with centre petals of bright nankeen and apricot yellow.

**John Goode.** This is a fancy cut-flower variety of almost globular form, of the finest silky finish, and destined to become a standard sort for cutting; the outer petals are delicate lavender, forming a decided band of color; the inner petals are clear lemon. 50 cts.

**John Firth.** Novel and distinct, petals cup shaped, arranged in compact rows, one above another, completely covering centre; deep mermet pink, shading to silvery rose. 50 cts.

**Jas. R. Pitcher.** A large reflex flower of the Japanese type, very full and of great depth. Color light delicate blush, turning to pure white as the flower matures.

**John Lane.** A magnificent pink ball in appearance; fine for pots, splendid for cutting. Color a rose-pink, with peach or light shadings on under side of petals, ends of centre petals tipped with gold.

**Lily Bates.** Very large, perfectly double, clear bright rich pink, petals broad and flat. 50 cts.



MRS. I. D. SAILER.

**Lizzie Cartledge.** Very large, full, double flowers; incurved, except under row of florets which reflex; color bright, dark rose, reverse silvery white. 50 cts.

**Mrs. I. D. Sailer.** A flower of the largest size, finely incurving with broad, sharply-pointed petals; a strong grower, producing heavy flower stems; the color is soft shell-pink, touched with lemon on the extreme tips of petals. 50 cts.

**Mrs. J. G. Whilldin.** A handsome light yellow variety of splendid size and form. 50 cts.

**Mattie C. Stewart.** Clear, bright, golden yellow, extra large and double; petals broad and flat, reflexing with age. 50 cts.

**Mrs. Kendal.** A fine Japanese flower with compact centre; color rich Jacqueminot, reverse of petals copper bronze shading to gold from base to tip. 50 cts.

**Mrs. Lay.** A chaste and very beautiful large incurved flower. Petals cup-shaped; white with faintest blush lines on edges. Extremely double. 50 cts.

**Mrs. R. J. Baylis.** An immense incurving Japanese bloom; clear yellow striped and highly marked; red bronze and old gold. 50 cts.

**Marie Ward.** A grand and beautiful cup-shaped variety. Very double, of large size and color purest snow-white. Petals very long and somewhat narrow.

**Mrs. John Westcott.** Cream pink, shading to cream white, both colors being of pleasing shades. 50 cts.

**Mrs. Frank Clinton.** True canary, passing to almost straw color; distinct; remarkably free.



**CHRYSANTHEMUMS (Newer Varieties)**—*Continued.*

**Model.** One of the most pleasing varieties, being of the deepest shade of pink; large, full, elegantly incurved flower.

**Mrs. Chas. Dissel.** Flowers very large, perfectly incurved, color variable, being generally soft pinkish lavender, sometimes white with pink centre, and occasionally having all three colors on the same plant.

**Mrs. Thos. A. Edison.** A large incurved flower with compact centre. One mass of long petals of the most delicate rose pink.

**Mrs. Winthrop Sargeant.** Brilliant straw color, incurved, carrying its flowers on long, stiff stems. Very large, if not the largest in this line of color.

**Mrs. J. T. Emlen.** Deep blood-red on upper surface of the petals; under side old gold. A very large incurved flower of splendid shape. Considered a great improvement over Mrs. A. Carnegie, both in size, color and form.

**M. P. Mills (W. K. Harris).** One of the latest and largest varieties; in shape resembling a mushroom; color orange yellow, sometimes faintly streaked with red; the enormous heavy blooms standing erect on the stoutest of stems. 50 cts.

**Molly Bawn.** A pure white sport from Syringa.

30 cents each except where noted; \$3.00 per dozen; the set of 46 varieties for \$10.00.

**A Selection of the Best Early Varieties.**

The following is a selection of the earliest flowering varieties, and is especially suited for flowering without protection in the open garden in such sections north of Philadelphia where many varieties do not perfect their flowers except in unusually favorable seasons.

**Bouquet Fait.** A most beautiful variety, with delicate rosy lilac flowers of good size, shaded silvery rose.

**Cullingfordi.** The brightest shade of crimson, a large and fine flower.

**Dr. Stryker.** Beautiful rosy lilac, reverse of petals striped straw color when first opening, changing to a clear rose.

**Fantasie.** Flowers blush white, of good size; each petal is 2 to 3 inches long, has a convex surface and is slightly twisted.

**Gloriosum.** Very fine light yellow, with immense flowers, having narrow and long petals gracefully curved and twisted; very early and one of the best.

**Jessica.** White, very long petals, shows a lemon eye when fully expanded; a great bloomer.

**L. Canning.** A singularly large and handsome pure white flower, of dwarf but vigorous and compact growth; a grand pot plant.

**Miss Mary Weightman.** A magnificent chrome yellow, in form loose and feathery, but very large and full. Early. One of the best commercial.

**Puritan.** One of the very finest white sorts in cultivation, large and free, and of a very good habit; a magnificent flower.

**Queen of England.** Blush, striped rose, incurved.

**Source D'Or.** Golden yellow, tipped and shaded brown; very regular and one of the very best.

**Triomphe de l'Exposition de Marseille.** Magnificent flower; yellow shaded bronze.

**Tokio.** Rich bronzy crimson.

**Tubiflorum.** A remarkable variety, having long straight tubular needle-like petals of pink and white.

**Yellow Stone.** Fine yellow.

15 cents each; the set of 18 varieties for \$2.00.

**Mrs. Herbert A. Pennock.** Similar in shape and habit to the violet rose; of a beautiful orange yellow; stems stout, bearing the enormous flowers perfectly erect; blooms late in November. 50 cts.

**Mermaid.** A soft mellow pink, with deeper shading on the outer edge, while at the base it is of a deep cream; a fine incurving globular flower. 50 cts.

**Progression.** Extra large late flowering variety, blooming about Dec. 1st and remaining in flower up to Christmas; color purest white, very double. 50 cts.

**R. Maitre.** Not surpassed by any pink in cultivation; of the largest size, perfectly double, and without a trace of coarseness. 50 cts.

**Reward.** Reddish violet, of immense size; large and spreading, distinct and free.

**Sugar Loaf.** This is a variety for everybody. It is the freest-growing and freest-flowering sort that we know, and under the most ordinary treatment produces quantities of flowers of the grandest size. The color is varying shades of yellow, often shaded bronze. 50 cts.

**Twilight.** White showing at first; a lemon centre; a beautiful large flower.

**V. H. Hallock.** Rosy-pearl, of a marked waxy texture; color deepening towards centre.



HARRY E. WIDENER.



**CHRYSANTHEMUMS—Continued.**

15 cents each except where noted; \$1.50 per dozen; the set of 37 varieties for \$4.00.

**JAPANESE VARIETIES.**

- Ab-del Kader.** Rich deep crimson maroon.
- Christmas Eve.** One of the finest late flowering whites in cultivation, pure snowy white.
- Duchess.** Rich deep red, each petal tipped with golden yellow; the flowers are large and in dense clusters.
- Elk's Horn.** Pearl color; full and globular flower; somewhat resembles the horns of the elk. 25 cts.
- Excellent.** Very soft pink, somewhat resembling the color of the Mermet rose; very large, flat flower.
- Gold.** Flowers of large size and finely formed; yellow.
- Golden Dragon.** Yellow, with long twisted petals.
- Jessica.** White, very long petals, shows a lemon eye when fully expanded; a great bloomer.
- Julius Scharff.** Very large, flat and smooth, of the richest violet amaranth; lasts a long time.
- Kioto.** Fine large yellow; a beautiful flower.
- Leopard.** Amaranth, dotted with white petals which are much twisted. 25 cts.
- Lucree.** Pure white, resembling Christmas Eve, but surpassing that in size, form and lateness. 25 cts.
- Mrs. Humphrey, or Snow-Ball.** Pure white, a lovely variety, grand for cut flowers.
- Mrs. Langtry.** A perfectly formed flat flower, of unusual size and perfection. Snow white in color, with broad bands or ribbon petals.
- Mrs. Isaac C. Price.** Rich chrome yellow, gracefully incurved, flowers large and freely borne.
- Mrs. A. Blanc.** A fine and distinct sort, inner petals erect, outer reflex and pendulous; rich lavender.
- Mons. Boyer.** Lilac rose; shaded white; curled florets.
- Mrs. Frank Thomson.** Blush white streaked with rose; petals broad and deeply incurved.
- Mrs. Geo. W. Childs.** Similar in shape to the preceding; outside of petals white, inside pink.
- Mrs. Cleveland.** Very fine pure white, petals tubular, regularly arranged, forming almost a perfectly globular flower.
- Mrs. W. A. Harris.** Flowers large, of a delicate shade of creamy white and pink; petals wavy.
- Mrs. John Thorpe.** Brilliant crimson; decided in coloring.
- M. Lemoine.** Flowers large; of a rich rose color with orange-yellow centre.
- Mont Blanc.** Extra large, late, white variety; inner petals incurving, on strong, erect foot stalks; one of the most valuable late bloomers. 25 cts.
- President Arthur.** Immense rose flowers, in whorls.
- Porcupine.** A remarkable flower, having tubular needle-like petals, standing erect, of a rich terra-cotta or crushed strawberry shade; not large, but very beautiful.
- Peculiarity.** One compact mass of bright rose tubes, having open mouth-like extremities, of a bright rosy crimson, which are divided into from four to seven lobes; flowers incurve to centre; florets when opening tipped with bright lemon or buff.
- Robert Crawford, Jr.** A seedling of Mrs. F. Thomson, white, faintly tinted pink on under petals; a large and pleasing variety.
- Robert Craig.** A grand flower, similar in shape to Mrs. G. W. Childs, but of a fine deep rose color and larger in size.
- Snow Storm.** Very late; pure white, distinct and free.
- Sunny Side.** One of the best white varieties, regular in form and slightly incurved.
- Thos. Cartledge.** A magnificent variety of a distinct orange color, of large size.
- Tokio.** Rich bronzy crimson.
- Tubiflorum.** A remarkable variety, having long straight tubular needle-like petals of pink and white.
- The Bride.** Immense pure white; very double and reflexed; outer row of petals tubular.
- W. W. Coles.** A peculiar shade of terra-cotta shaded brownish orange; large and distinct.

**Wm. Singerly.** Rich plum-purple flower. A very excellent sort.

**LARGE FLOWERED CHINESE.**

- Alfred Salter.** Large delicate pink.
- Alfred Warne.** Pure white, finely incurved, dwarf.
- Baron Beust.** Bronzy orange; incurved.
- Boule de Neige.** Fine large pure white.
- Cullingsfordi.** The brightest shade of crimson; a large and fine flower.
- Diana.** One of the very best whites in cultivation.
- Duchess of Connaught.** Silvery rose; extra fine.
- Elaine.** White, petals tinted carmine.
- John Collins.** Very large flower; bronzy purple.
- Queen of England.** Blush, striped rose, incurved.
- Mrs. R. Elliott.** A fine pure yellow flower; petals long, narrow and slightly drooping.
- Pink Perfection.** Very large bright pink.
- Yellow Stone.** Fine yellow.

15 cents each; set of 13 for \$1.50.

**POMPONE CHRYSANTHEMUMS.**

- Black Douglas.** Brilliant crimson; good shape.
- Bob.** Fine crimson.
- Compactum.** Delicate blush.
- Golden Pheasant.** Rich golden yellow; fine form.
- M. Schmidt.** Yellow tipped with crimson.
- La Fiancee.** Pure white, fringed; fine for cut flowers.
- Mad. de Paleville.** Clear rose.
- Princess Louise.** Deep rose.
- Princess Meletia.** White fringed; fine.
- St. Michael.** Very bright golden yellow; fine.

15 cents each; set of 10 for \$1.00.

**ANEMONE FLOWERED CHRYSANTHEMUMS.**

- Bessie Pitcher.** Deep rose pink with lighter centre.
- Thorpe Junior.** A most beautiful variety; the color is a rich pure golden yellow; the flowers are of large size, smooth and perfect in shape.
- Geo. Sand.** Red with golden centre; fine and free.
- Souv. de Dorothe Souveille.** Beautiful light blush.
- Timbal d'Argent.** Snowy white; one of the most beautiful.

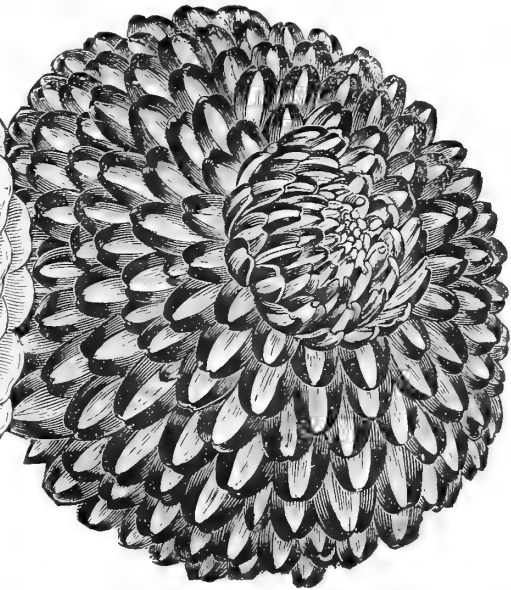
15 cents each; set of 5 varieties for 60 cents.



LOUIS BOEHMLE.



MRS. HAWKINS.



FORMOSISSIMA PICTA.

## DAHLIAS.

### LARGE FLOWERING, DOUBLE.

For exhibition purposes the varieties entered in this list are admirably adapted. They should be liberally supplied with water and manure, and kept in a growing condition.

**Buffalo Bill.** Buff striped with vermilion, very effective.  
**Gen. Grant.** Orange with distinct chocolate stripes, large full flower.

**Geo. Smith.** Bright magenta, of good form.

**Harrison Weir.** Very fine rich yellow.

**Hector.** Large orange scarlet.

**Imperial.** Deep purple, of fine form.

**James Huntley.** Very fine purple.

**John Wyatt.** Very deep scarlet, of good form and substance.

**Julia Wyatt.** Creamy white, large and fine.

**Lady Antrobus.** Red tipped white; a showy flower.

**Lottie Eckford.** White striped purple, of fine form.

**Mandarin.** Yellow striped and mottled with purplish crimson.

**Matthew Campbell.** Bright buff or apricot, striped with crimson.

**Miss Browning.** Pale yellow tipped white, a fine flower.

**Mrs. Gladstone.** A delicate soft pink, and a model in form.

**Mrs. Dadds.** Blush, outer petals light lilac.

**Miss Henshaw.** Pure white, large, perfect form.

**Mrs. Langtry.** Cream color edged with crimson.

**Mrs. Frisleton.** Deep crimson purple tipped with white.

**Pandora.** Pale blush, very fine.

**Rev. J. B. M. Camm.** Yellow flaked red, fine.

**Ruby Gem.** Crimson with small yellow tip.

**Sunset.** Yellow flaked and striped with scarlet.

**Thomas Hobbs.** Purplish magenta, very fine.

**Wm. Jackson.** Fine rosy purple, a superior large flower.

25 cts. each; \$2.50 per dozen, or the set of 25 varieties for \$5.00.

### SINGLE DAHLIAS.

A class of Dahlias which is rapidly growing in favor on account of its freedom of bloom and various and attractive coloring. The varieties we offer have been carefully selected from a large collection.

**Beacon.** Rich fiery crimson; neat habit.

**Empress.** Pure white, embellished with a yellow ray round the centre.

**Juno.** Rosy lake; bordered silvery rose.

### SINGLE DAHLIAS—Continued.

**John Downie.** Bright scarlet.

**Le Baron.** Rich mulberry; shaded crimson.

**Miss Louisa Pryor.** A most distinct deep velvety crimson, with bright golden yellow disc.

**Miss Linaker.** Bright cherry red; good form.

**Mr. Kennet.** Canary yellow.

**Silver King.** Orange, flushed silvery white, edge yellow.

**Zephyr.** Crimson and bronze, with yellow stripe at edge of petals.

15 cts. each; set of 10 varieties for \$1.25.

## Cactus Dahlias.

A very showy and effective section of this desirable garden flower. The blooms are of peculiar shade, resembling in some varieties the Cactus "Cereus Speciosissimus." Hence the name, "Cactus Dahlia." They grow from 3 to 4 feet high, are very branching, and bear profusely their very striking flowers, which are quite unlike those of an ordinary double Dahlia, the florets being flat and not cupped.

**Cochineal.** Brilliant crimson, toned maroon.

**Constance, or Ariel.** Pure white, of elegant shape, and one of the freest blooming.

**Empress of India.** An intense deep crimson, shaded maroon and magenta; the flowers are of medium size and borne in profusion.

**Fire King (Glare of the Garden).** Fiery crimson scarlet, flowers of medium size and produced in profusion, giving the plant a rich and dazzling appearance.

**Formosissima Picta.** Orange color with bright scarlet stripes; a distinct and taking flower.

**Honoraria.** Fine pure yellow of very large size.

**Lyndhurst.** Rich deep scarlet, shaded maroon, excellent for cutting and a fitting companion for Constance.

**Mrs. Hawkins.** Of close, neat habit, rich sulphur yellow, shading lighter towards the tips and slightly tinted red; a lovely flower.

**Mrs. G. Reid.** Pure white, conspicuously edged with rose lake, forming a pleasing combination of color.

**Professor Baldwin.** Bright orange scarlet.

**Sir Trevor Lawrence.** Bright cherry scarlet shading purple toward the edges; pretty reflexed petals.

**Sidney Hallings.** A most beautiful variety, of a deep rich maroon shading to black.

**Zulu.** Rich, deep, purplish maroon, the darkest yet raised, beautiful.

25 cts. each; set of 13 varieties, \$2.50.

## POMPONE, LILIPUTIAN OR BOUQUET DAHLIAS.

The term "Liliputian" applies to the flowers, not the plants. They are possessed of a neat bushy habit, and produce in profusion small flowers of varied and attractive colors. They are very desirable for cutting and for decorative purposes.

**Butterfly.** Orange, tipped with scarlet.

**Camelliaflora.** One of the finest white Dahlias in cultivation; flowers of medium size and beautiful form; useful as a variety for cutting.

**Colibri.** Rich bright scarlet; handsome.

**Deutscher Goldmeteor.** Golden yellow, broad crimson margin.

**Deutscher Turnergruss.** Crimson, edged with white.

**Deutsche Maedchenliebe.** Lilac.

**Dr. Webb.** Rich scarlet; medium size.

**E. F. Jungker.** Amber shaded lemon, of compact form.

**Gem of the Liliputs.** Dark scarlet.

**Guiding Star.** A grand variety, producing its pure white flowers, of exquisite shape, in the greatest profusion.

**Helen.** Another fine white variety, but with larger flowers than the above.

**Hindoo.** Bright orange red.

**Ida Fisher.** Pure white, full centre.

**J. C. A. Stanza.** Orange yellow.

**Kline Domitea.** Buff yellow, marked with red.

**Kleiner Rufus.** Maroon.

**Little Najade.** Rose, edged crimson.

**Lurline.** Canary yellow.

**Panorama.** Apricot yellow pointed with carmine.

**Princess Liebreiz.** Orange buff, of good form.

**Pursuit.** Very deep maroon; fine shape.

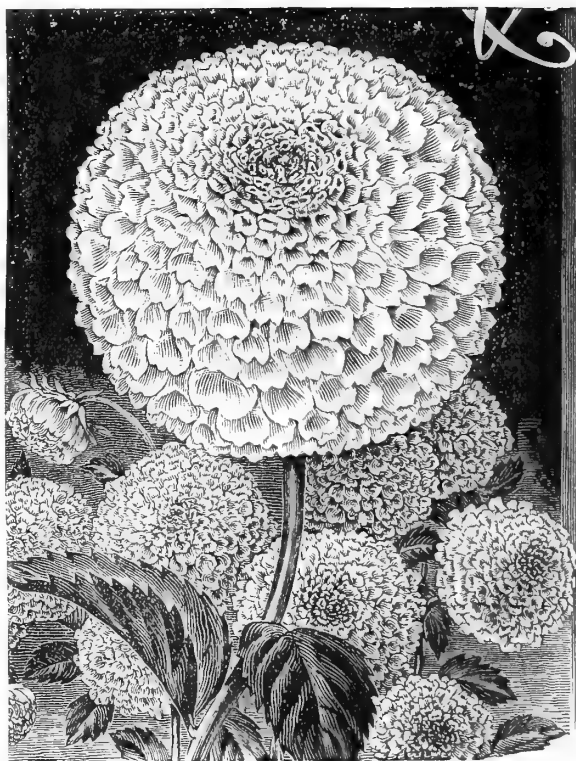
**Theo. Heymann.** Very dark red.

**Unermuedliche.** Lively rose, spotted purple.

**Venus.** Crimson, shaded with purple.

**William Buchner.** Lilac, tipped yellow.

25 cents each; \$2.50 per dozen; the set of 25 varieties for \$5.00.



DAHLIA CAMELLIAFLORA.

## DRACAENAS.

**Amabilis.** Green, white and pale violet; strong plants. 50 cts. to \$1.00 each.

**Baptisti.** Green, creamy-white flakes flushed with rose. 50 cts. to \$1.00 each.

**Goldana.** Irregularly banded with dark green and silver gray in alternate straight bands. \$1.50 to \$3.00 each.

**Imperialis.** A strong growing variety, with large deep rose and creamy white foliage. 50 cts. to \$1.00 each.

**Shepherdii.** A strong growing variety, with deep green foliage, edged and striped with light green or yellow. 50 cts. to \$1.00 each.

**Terminalis.** Rich crimson foliage marked with pink and white. 30 cts. to 50 cts. each.

**Youngi.** Light green changing to copper color. 50 cts. to \$1.00 each.

### DRACAENA FRAGRANS.

A superb African species, with beautiful deep green leaves, lighter in the young growth. Though having no variegations or markings in the foliage, this is one of the most admired of the decorative species, its elegant habit and extremely beautiful lively coloring giving it marked value. It is a rapid grower, and for room adornment or as a vase plant for out-of-door use it is indispensable. 50 cts. to \$1.00 each.

### DRACAENA LINDENI.

A beautiful variegated form of Fragens, with broad green foliage and golden yellow stripes on the edges of the leaves. \$1.50 to \$5.00 each.

### DRACAENA MASANGEANA.

Another variegated form of the above with the variegation through the centre of the leaf instead of on the edges. \$1.50 to \$2.00 each.

### DRACAENA (CORDYLINE.)

The cordylines are especially well adapted for centres of vases, baskets, etc.; the bright green narrow foliage contrasting well with other foliage and flowering plants.

**Australis.** A very long, narrow, graceful foliage.

**Indivisia.** Long foliage; green, graceful.

**Veitchi.** Long foliage, brown streaked. 25 to 50 cts. each.



DRACAENA IMPERIALIS.

# FERNS.

No collection of plants is complete without Ferns. The selection we offer embraces the best varieties of this beautiful class of plants, whose diversity and gracefulness of foliage make them peculiarly fitted to combine with other fine plants and flowers.

The popularity of Ferns has increased wonderfully in the past few years, and they are now indispensable in all choice floral decorations, and are especially valued for ferneries for room and table decoration.

Where there is moisture and shade most of the varieties succeed well when planted out-of-doors; they delight in a light soil mixed with sand and peat or leaf mould; good drainage must be provided, as stagnant water is fatal to success.

## ADIANTUMS (Maiden-Hair Ferns).

**Adiantum Auitiense.** A strong upright growing variety, with deep green leathery foliage. 25 cts.

— **Caudatum.** A splendid variety of creeping habit, especially suited for planting in hanging-baskets. 25 cts.

— **Concinum Latum.** Similar to the above, but of erect habit. 25 cts.

— **Cuneatum.** The popular Maiden-Hair. 25 to 50 cts.

— **Cuneatum Grandiceps.** A very beautiful form of A. Cuneatum, having long graceful fronds, with the ends of the fronds developed into bunching tasselled heads; a distinct and lovely variety. 25 and 50 cts. each.

— **Farleyense.** This is the finest of all the Maiden-Hair varieties. \$1.00.

— **Formosum.** A pretty upright growing species, with large spreading fronds. 50 cts.

— **Gracillimum.** Smallest and most graceful Maiden-Hair. 25 cts.

— **Pubescens.** A useful basket variety. 15 cts.

— **Rhodophyllum.** An elegant dwarf growing species with large bronzy foliage. 50 cts.

— **St. Catherinæ.** A pretty tall growing, large-leaved variety. 50 cts.

— **Dolabriforme.** A remarkable Fern of peculiar creeping habit, with long drooping fronds, at the ends of which young plants form; admirably adapted for growing in hanging-baskets. 25 cts.

— **Trapeziforme.** A splendid large-leaved species, growing about 2 feet high. 50 cts.

— **Wiegandi.** A pretty little species, with peculiarly crested and overlapping pinnæ. 25 cts.

**Actiniopteris Radiata.** A pretty, small tufted species, not unlike in growth to a miniature Fan-Palm; this species requires a high temperature to be well grown. 25 cts.

**Asplenium Belangeri.** An easy growing species, with pretty divided pinnæ. 25 cts.

**Alsophila Australis.** Australian tree-fern, a very rapid growing species. 25 cts. and 50 cts.

**Blechnum Braziliense.** A strong growing species, useful for decorative purposes. 25 cts.

**Cibotium Glaucum,** } Splendid Tree Ferns.

“ **Regale,** } 50 cts. to \$1.00 each.

“ **Schiedei,** }

**Cyrtomium Falcatum.** 25 cts.



LASTREA ARISTATA VARIEGATA.

**Davallia Fijiensis Majus.** Useful for baskets. 25 cts.

**Davallia Pentaphylla.** A pretty creeping variety, with dark, shining foliage. 50 cts.

**Davallia Stricta.** One of the finest Ferns in cultivation, whether for growing as a decorative plant in the room or planting out; the fronds are of a strong texture and of a beautiful shade of green. 25 and 50 cts.

**Davallia Fijiensis Plumosa.** A charming evergreen. Fern, with gracefully arching fronds, of easy and rapid growth. 25 to 50 cts. each.

**Davallia Parvula.** 25 cts.

**Davallia Mooreana.** An elegant exhibition Fern of rapid growth. 50 cts.

**Dicksonia Antartica.** 50 cts.

**Didymochloena Truncutula.** 50 cts.

**Gymnogramma Argrophylla.** Silver Fern. 25 cts.

**Gymnogramma Sulphurea.** Sulphur Fern. 25 cts.

**Lastrea Aristata Variegata.** This most beautiful variety has a broad band of yellowish green running through the pinnules along the course of the radius; very ornamental. 25 cts.

**Lastrea Multifida.** A pretty species, with finely crested pinnæ. 25 cts.

**Lastrea Opaca.** A pretty species with dark green triangular foliage. 25 cents.

**Lomaria Ciliata.** A dwarf Tree-Fern. 25 cts.

**Microlepia Cristata.** A most useful decorative Fern, indispensable in any collection. 25 to 50 cts.

**Nephrolepis Bausei.** A very distinct and pretty variety. 25 cts.

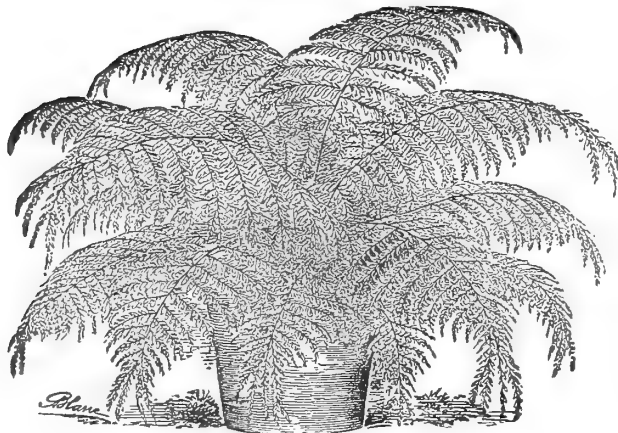
**Nephrolepis Davalleoides Furcans.** A beautiful and distinct crested variety, of robust growth, sending forth numerous arching fronds 3 to 4 feet long, bold and graceful in appearance. 50 cts. to \$2.00.

**Nephrolepis Duffii.** A very distinct and remarkable fern, of a close tufted habit, producing numerous fronds of a very peculiar character, and exceedingly ornamental. 25 cts.

**Nephrolepis Exaltata.** The sword Fern. 25 cts.



DAVALLIA STRICTA.

**FERNS**—Continued.

MICROLEPIA HIRTA CRISTATA.

**Nephrolepis Rufescens Tripinatifida.** A beautiful variety of robust growth, producing fronds from four to five feet long; the fronds are gracefully arching; the pinnae are curiously divided and overlap in such a manner as to give the entire frond a crested appearance, which is frequently compared to an ostrich-plume. 50 cts. to \$1.00 each.

**Onychium Japonicum.** 15 cts.

**Polystichum Coreaceum.** 25 cts.

**Polypodium Aureum.** Large foliage of a distinct bluish color. 15 cts.

**Polypodium Fraxinellifolia.** 15 cts.

**Polystichum Prolifera.** 25 cents.

**Pteris Argyrea.** One of the most useful ferns for all purposes, large, bold foliage, with broad band of white through the centre of each frond. 15 cts.

**Pteris Cretica Albo Lineata.** A pretty and useful variegated variety. 15 cts.

**Pteris Cretica Magnifica.** Beautiful crested fronds. 15 cts.

**Pteris Hastata.** A useful variety, with black stems and dark green fronds, fine for baskets. 15 cts.

**Pteris Leptophylla.** A distinct variety, silvery-green foliage. 25 cts.

**Pteris Tricolor.** A beautiful variety, with pretty variegated foliage. 25 cts.

**Pteris Nemoralis.** A pretty variegated variety. 15 cts.

**Pteris Palmata.** Bold, deep green foliage. 15 cts.

**Pteris Serrulata.** A well-known and useful basket-fern. 15 cts.

**Pteris Serrulata Cristata.** A pretty crested form of Serrulata. 15 cts.

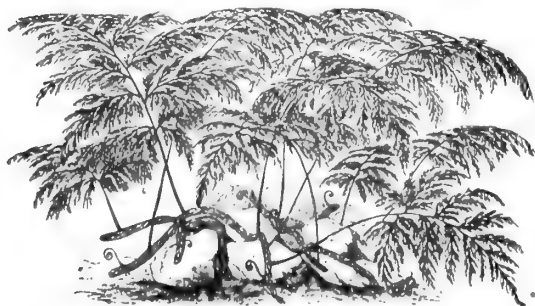
**Pteris Serrulata Cristata Nana Compacta.** A very dwarf and closely crested form of P. Serrulata; makes a beautiful specimen plant. 15 cents.

**Pteris Sieboldi.** 15 cts.

**Pteris Owrardi.** 15 cts.

**Pteris Tremula.** Well known and useful for all purposes. 15 cts.

We will furnish the entire collection of 60 Ferns, one of each variety, for \$12.00.



DAVALLIA FIJIENSIS PLUMOSA.

**FUCHSIAS.****TWELVE BEST SINGLE.**

**Annie Earle.** Tube and sepals white, corolla carmine.

**Arabella.** White tube and sepals, rose corolla; early.

**Black Prince.** Tube and sepals bright waxy carmine, sepals tipped green, large, open pale pink corolla.

**Emily Ney.** White tube and sepals, corolla purple.

**Elegans.** Dark corolla, crimson tube and sepals.

**Grand Duchess.** White tube, carmine corolla.

**Lord Byron.** Crimson tube and sepals, purple corolla.

**Mrs. Geo. Rundle.** Long rosy salmon tube and sepals.

**Speciosa.** Blush tube and sepals, crimson corolla.

**Surprise.** Waxy white tube and sepals, corolla pale magenta with dark border.

**Striped Unique.** White tube and sepals, rose corolla flaked with white.

**Wave of Life.** Beautiful yellow foliage, rich scarlet tube and sepals, and rich and dark corolla.

15 cents each; set of 12 varieties for \$1.50.



FUCHSIA PHENOMENAL.

**TWELVE BEST DOUBLE.**

**Avalanche.** Golden foliage, dark violet purple corolla.

**Champion of the World.** Coral red tube and sepals, very large, dark purple corolla.

**Depute Berlet.** Corolla violet, tube and sepals rose.

**Elm City.** Crimson sepals, fine dark corolla.

**Fran Emma Topfer (Storm King).** One of the best double white Fuchsias. Of strong, graceful habit, and bears its pure white double flowers in great profusion.

**Joseph Rosaine.** Very large scarlet tube and sepals; corolla violet blue, striped deep scarlet.

**Jules Monge.** Rich coral red tube, deep purple corolla.

**Mrs. E. G. Hill.** Rich crimson tube and sepals, large double white corolla.

**Phenomenal.** Larger than Champion of the World; short tube and sepals rich crimson red; corolla full and double, of a beautiful azure violet flaked with red.

**Purple Prince.** Sepals rich crimson; corolla purple.

**Snow White.** Coral red tube, large double white corolla.

**Tower of London.** Scarlet sepals, double purple corolla. 15 cents each; set of 12 varieties for \$1.50.





ERYTHRINA CRISTA-GALLI.

**GERANIUMS.****Twelve Best Double.**

**Bruanti.** The finest double bedding Geranium in cultivation.

**Crimson Velvet.** Rich deep crimson.

**Emile de Girardin.** Beautiful clear rose.

**Geo. de Lombardac.** Deep carmine rose.

**Geo. Thorpe.** Of the most intense crimson, very free; an elegant bedding variety.

**Golden Dawn.** Rich orange, salmon shaded; the nearest approach to yellow yet sent out.

**James Vick.** Deep flesh with dark bronze shadings.

**La Pilote.** Brilliant crimson scarlet, full and free.

**La Favorite.** Finest double white.

**Maggie Hallock.** Deep salmon pink, shaded rose; distinct.

**Mrs. Hayes.** Bright pink, large truss.

**S. A. Nutt.** The best rich dark crimson variety; the flowers are of perfect shape and large size; the trusses massive and produced in great number.

15 cts. each; set of 12 for \$1.50; per 100, \$8.00.

**NEW SINGLE****GERANIUMS.**

**Athlete.** Flowers large and round, trusses of enormous size, color the most brilliant clear scarlet; small white eye.

**M. Poirier.** A magnificent variety that received a first class certificate; trusses of enormous size, beautiful carmine violet color.

**Marguerite de Layre.** The finest single white in existence, especially for pot culture; the size of the trusses and florets, the perfect form and pure color have attracted much attention.

**Mrs. E. G. Hill.** Trusses of immense size, color bright salmon with white centre; probably the best single salmon in existence.

**ERYTHRINA CRISTA-GALLI.**

(Coral Plant.)

A magnificent plant, producing its scarlet and crimson pea-shaped flowers on spikes 18 inches long. Planted in May they will flower profusely through the summer. They may be taken up in the fall, and kept in perfect preservation during the winter in a dry cellar, the roots covered with half-dry earth. 25 cents each; 5 for \$1.00; 12 for \$2.00. A limited number of strong 3-year old plants \$1.00 each.

**GERANIUMS.****NEW DOUBLE VARIETIES.**

**Catulle Mendes.** Florets very large, purplish rose of a beautiful tint, upper petals marked with white; a free blooming sort, one of the best.

**Mad. Ayme de la Chevreliere.** A beautiful pure white variety of very free flowering habit. Undoubtedly the best double white variety for pot culture yet introduced.

**Montesquieu.** A beautiful variety, with immense sized trusses of large perfect formed flowers; beautiful rose mauve with lilac shading.

**Ruy Blas.** Immense trusses of finest form; large flaming salmon centre bordered with rosy peach color; one of the very best.

**Tour Eiffel.** This variety resembles the now famous sort "Bruanti" in form of the trusses and florets, while in color it is a beautiful bright orange scarlet.

**Wilhelm Pfitzer.** A beautiful bright apricot color, entirely distinct and by far the best of this type yet sent out; plant of perfect habit.

30 cts. each; set of 6 varieties, \$1.50.



DOUBLE GERANIUM LA FAVORITE.

# Geraniums.

**NEW SINGLE**—*Continued.*

## Souvenir de Mirande.

The greatest novelty in Geraniums that has appeared for a number of years. It has round florets, upper petals cream white with a distinct rosy pink border; lower petals salmon rose streaked with pure white. A most novel color. It is extremely free flowering, and produces fine trusses of its magnificent blooms. 20 cts.

**Univers.** A magnificent sort, very dark crimson scarlet of a beautiful dazzling shade; florets extra large and round and produced in immense trusses.

30 cts. each, except where noted; set of 6 varieties, \$1.50.

## Twelve Best Single Geraniums.

**Belisaire.** Salmon, veined crimson, shaded carmine.

**Frazier.** Light rosy pink; immense trusses.

**General Grant.** Dazzling scarlet; enormous truss.

**General Sherman.** Crimson scarlet; very large.

**Glory of Lyons.** A magnificent flower of a beautiful shade of scarlet overlaid with rosy salmon.

**John Salter.** Salmon, tipped white.

**Queen Olga.** Bright clear pink, a fine flower.

**Rev. Mr. Atkinson.** Dark crimson; immense truss.

**R. Masson.** One of the finest deep crimson bedders.

**Souv. de Cuigneaux.** Rich deep maroon crimson.

**Victorien Sardou.** Violet currant color.

**White Clipper.** Pure white.

15 cts. each; set of 12 for \$1.50; per 100, \$8.00.

## Twelve Best Double Ivy-Leaved Geraniums.

The improvements in this class of plants for the past few years are very striking. The list we offer is a selection of the very finest new and old varieties.

**Bastian Lepage.** Immense trusses of a light purple.

**Berthelot.** Flowers of a magenta shade, beautiful round tips, and very double; habit short-jointed.

**Camille Flammarion.** Large full cup-shaped flowers, of a deep rose color.

**Count de Choiseul.** Rich cherry pink.

**De Quatrefages.** Large open flowers of a bright shade of violet-magenta.

**Eden Marchii.** Pinkish crimson, large flowers.

**Eurydice.** Rose mauve, shaded red, very double.

**Jeanne D'Arc.** One of the finest; pure white.

**La Rosiere.** Bright pink.

**Le Propheeta.** Rosy red.

**Robert Owen.** Rosy red, very double.

**Souvenir de Chas. Turner.** Deep pink, feathered maroon in the upper petals; immense trusses.

15 cts. each; set of 12 varieties, \$1.50.



DOUBLE IVY-LEAVED GERANIUM.



## VARIEGATED GERANIUMS.

As an ornament for the parlor or conservatory, or for bedding purposes, nothing excels this class of beautiful plants; the flowers are quite an attractive addition to the richness of foliage.

**Bronze Model.** Golden bronze type, splendid dark zone on a yellow ground; scarlet flowers.

**Battersea Park Gem.** Bright golden yellow foliage, with rich deep green zone.

**Golden Harry Hieover.** Golden bronze type; small leaf with dark chocolate zone on bright yellow ground.

**Happy Thought.** Large yellow blotch in the centre of the leaf, with an outer band of green in the margin; flowers rich rose; habit dwarf. A good bedder.

**Mrs. Pollock.** One of the most beautiful of golden tri-colors; bronzy scarlet zone, golden edge, scarlet flowers.

**Mountain of Snow.** Silver edge; vigorous grower. 20 cts. each; \$2.00 per doz.; set of 5, 75 cts.

## SCENTED GERANIUMS.

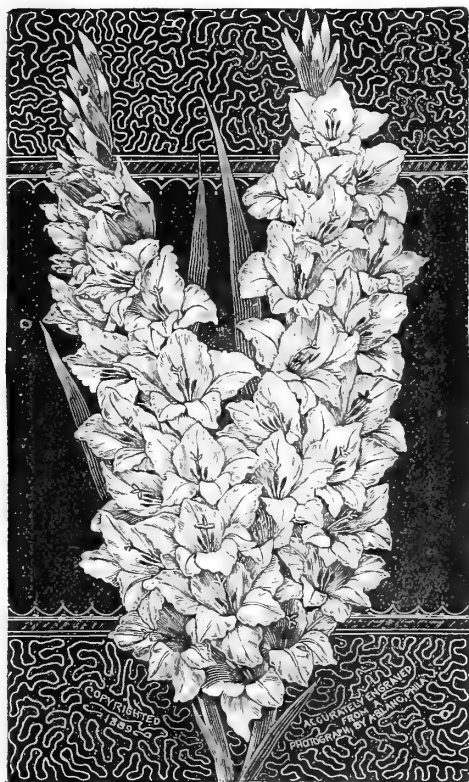
**Apple.** Mrs. Taylor. Rose. Shrubland Pet. Variegated Rose. 15 cts. each; \$1.50 per doz.; set of 5, 60 cts.

## NEW SEMI-DOUBLE IVY-LEAVED GERANIUM.

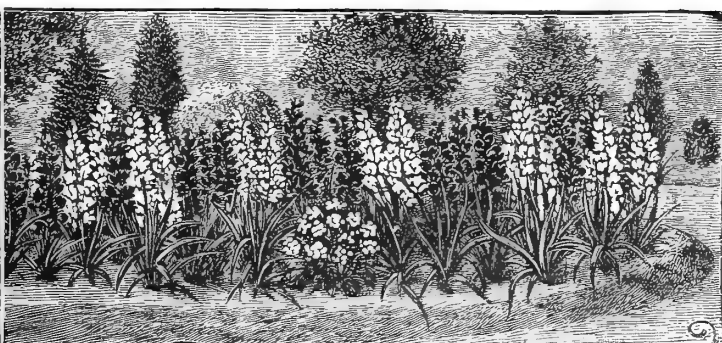
### P. CROZY.

A most distinct and pleasing variety, being the nearest approach to a scarlet yet introduced; habit of plant very dwarf and compact, and one of the most prolific flowering sorts in existence. Ready March 1st

50 cents each; 3 for \$1.00.



GLADIOLUS "SNOW WHITE."



## GLADIOLUS.

Our list of this magnificent flower includes only the very choicest of the old sorts and the cream of the new. Many more good sorts might be listed; but we have endeavored to offer only those possessing the highest merit as to size of flower and spike, purity of coloring and distinct marking.

Our mixtures will also be found of a high standard of excellence. A succession of bloom may be had from July to September by planting at intervals from April to June. The strongest bulbs should be kept for the latest planting. The cultivation of Gladiolus is very simple, as they will thrive in any good garden soil, but amply repay care and liberal feeding by enhanced size and beauty.

### GLADIOLUS IN MIXTURES.

|                                         | PER DOZ. | PER 100. | PER 1000. |
|-----------------------------------------|----------|----------|-----------|
| All Colors, very Choice Mixed.....      | \$0.40   | \$2 50   | \$20.00   |
| Scarlet and Crimson varieties, mixed... | .30      | 2.00     | 18.00     |
| White and Light varieties, mixed.....   | .50      | 3.75     | 35.00     |
| Yellow varieties, mixed.....            | .50      | 3.75     | 35.00     |
| Pink and Variegated varieties, mixed... | .40      | 2.50     | 20.00     |

### GLADIOLUS, SNOW WHITE.

This is undoubtedly the best White Gladiolus. The flowers are of fine shape, large in size and of a pure paper-white color, seldom showing a trace of any other shade. The spikes are large and set thickly with flowers. Each 25 cts.; \$2.50 per doz.

### LEMOINE'S HYBRID GLADIOLUS.

This brilliant class is distinguished by the rich and vivid coloring of its flowers, which reaches its climax in the blotch, the typical and remarkable feature of this variety.

|                           | EACH.  | PER DOZ. | PER 100. |
|---------------------------|--------|----------|----------|
| Extra Fine Mixed.....     | \$0.12 | \$1.25   | \$8.00   |
| Fine Mixed Varieties..... | .08    | .80      | 6.00     |

### LEMOINE'S NEW GIANT GLADIOLUS.

(Gladiolus Hybridus Nanceanus.)

A magnificent new race of extraordinary size and remarkable beauty produced by the celebrated hybridizer Victor Lemoine by crossing Saundersoni and Lemoinei. These new varieties are twice the size of the Gladiolus Gandavensis varieties, while possessing their long-lasting properties and the beautiful markings of the Lemoinei section.

**Comte Horace de Choiseul.** Enormous flowers attaining a diameter of six inches, of perfect shape, of a brilliant shade of light scarlet tinged with orange, distinct purple blotch surrounded with a yellow band on the lower petals. \$1.50 each.

**Dr. H. P. Walcott.** Very large flowers of perfect shape and very open, bright madder, lower petals speckled with maroon at the throat, with a large light yellow blotch in the centre. \$2.00 each.

**Harry Veitch.** Magnificent flowers of deep velvety red, lower petals blotched with light yellow and spotted maroon. \$2.00 each.

**Maurice de Vilmorin.** A remarkable color; the general tint is slate blue flushed with violet, slightly striped with violet on the edges. \$1.50 each.

**Monsieur Le Fevre.** Enormous flowers of carmine scarlet striped with vermilion at the edges, the lower petals marked with a clear yellow blotch sprinkled with blood red. \$1.25 each.

**President Carnot.** A marvelously beautiful flower of unusual size (7½ inches across), of a rich satiny cherry red, streaked with carmine at the edges. The lower petals have a fiery scarlet spot surrounded by numerous blood red drops on a straw-colored ground, extending to fine spots in the midst of a scarlet border. The coloring surpasses in beauty that of the richest Orchids. \$2.00 each.



A. B. LANC COPYRIGHTE 1885

LEMOINE'S HYBRID OR BUTTERFLY GLADIOLUS.

## NAMED GLADIOLUS.

We offer the following selection of choice named varieties at the low price of 10 cts. each or \$1.00 per dozen.

- Africaine.** Scarlet ground, streaked scarlet and pure white.  
**Amalthee.** Velvety violet and white; large violet red blotch.  
**Angele.** Large showy white flowers.  
**Brenchleyensis.** Bright vermilion scarlet.  
**Chas. Dickens.** Delicate rose, tinted buff, flamed and striped carmine rose.  
**Cleopatra.** Soft lilac, shaded violet, purple blotched.  
**Emma Thursby.** White ground with carmine stripes and blotch.  
**Eugene Scribe.** Flowers large and wide; rose blazed with carmine.  
**Fatma.** Large; ivory white, striped rosy salmon, violet blotched.  
**Felicien David.** Cherry; light carmine feathered white blotch.  
**Gen. Sheridan.** Fire-red with white lines and blotch.  
**Hesperide.** Profusely blotched and flaked, bright rosy salmon on a pure white ground.  
**Ida.** White ground, tinted rose, flamed carmine, lower petals yellow.  
**Isaac Buchanan.** Pure yellow; a beautiful flower.  
**John Bull.** White, slightly tinged with sulphur.  
**La Candeur.** Pure white, faintly striped carmine.  
**Lamarek.** Long spike, orange and cherry, large white stain.  
**Le Poussin.** Light red, large white blotch.  
**Lord Byron.** Brilliant scarlet, blotched white.  
**Martha Washington.** Light yellow, tinged rose, large.  
**Mme. Monmeret.** Delicate rose, striped white, carmine.  
**Meyerbeer.** Brilliant scarlet, flamed vermilion, red blotch.  
**Napoleon III.** Bright scarlet, centre of petals striped white.  
**Romulus.** Brilliant dark red, pure white blotch.  
**Shakespeare.** White, suffused carmine rose, large rose blotch.

## FICUS.

- Ficus Elastica.** The well-known India-Rubber Tree, one of the very best plants for table or parlor decoration; its thick leathery leaves enable it to stand excessive heat and dryness, while its deep glossy green color always presents a cheerful aspect. Fine plants 50 cts., 75 cts. and \$1.00 each.  
**Ficus Repens.** A trailing or creeping variety with small foliage, useful for baskets. 25 cents.  
**Ficus Elastica Variegata.** This is undoubtedly one of the finest decorative ornamental foliage plants of late introduction. In habit and growth it is like the ordinary *F. elastica*, but the leaves of this novel plant have a pleasing yellow variegation throughout. In every respect a most charming plant, and differing from all others. Fine plants \$2.00 to \$3.00 each.



FICUS ELASTICA.



FICUS ELASTICA VARIIGATA.



## THE MOON FLOWERS.

(*Ipomœa Noctiflora.*)

If planted out in rich ground about May 15th, in a situation where it has full exposure to the sun, this plant will attain a height of 40 feet by October 15th, blooming abundantly the entire season. It is called "Moon Flower" from its rare peculiarity of blooming best at night, although it also expands its flowers in dull days; the flowers are of pure white, from 5 to 6 inches in diameter, emitting a rich Jessamine-like odor at night. 15 cts. each; \$1.50 per doz.

## BLUE DAWN FLOWER.

(*Ipomœa Learii.*)

This makes a splendid companion to plant with the white "Moon Flower." The flowers are the most intense violet-blue, with reddish purple rays, and are six inches across. There is nothing of its color that exceeds in richness the flowers of *Ipomœa Learii*. 15 cts. each; \$1.50 per doz.

## IPOMŒA MEXICANA, OR PALMATA.

A distinct and pretty Mexican species, bearing fine clusters of large purplish rose-colored flowers; it grows rapidly and succeeds in almost any position; as a plant for covering arbors, verandas, etc., it is invaluable; being tuberous-rooted, it may be wintered like a Dahlia. 15 cts. each; \$1.50 per doz.

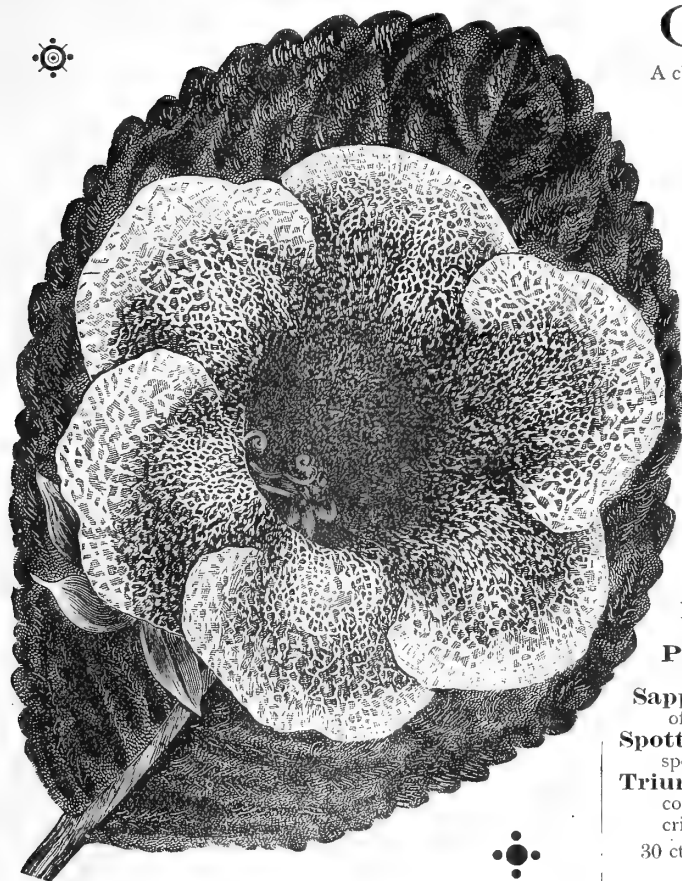
## LEONOTIS LEONURUS.

(The Lion's Tail.)

An old plant recently reintroduced, producing long terminal spikes of beautiful orange-colored flowers; treated in the same manner as Chrysanthemums, they will flower continually from the early part of September until midwinter.

15 cts. each; \$1.50 per dozen.





GLOXINIA, SPOTTED GEM.

### MIXED GLOXINIAS.

These comprise all shades of color and erect, horizontal and pendulous flowers; for those who do not care about special color they will be found very desirable, as only fine varieties have been kept, the poor and dull colors having been discarded.

20 cts. each; \$2.00 per dozen.

### HELIOTROPE.

**Chieftain.** Lilac, large truss.

**Mad. de Blonay.** Large truss, nearly pure white.

**Queen of the Violets.** Of the deepest violet-purple, with large, almost pure white eye, and very fragrant.

15 cts. each; \$1.50 per doz.; set of 3, 40 cts.

**New White Heliotrope, Fleur D'Ete.** A new pure white variety of strong robust growth, with large trusses of very fragrant flowers.

25 cts. each; 5 for \$1.00.

### HIBISCUS, CHINESE.

Attractive small flowering shrubs, blooming freely during the summer months, and fine for garden decoration.

**Aurantiaca Plena.** Double salmon.

**Grandiflorus.** Large rose.

**Minutus.** The finest and most brilliant, semi-double vermilion scarlet flowers, 4 inches in diameter.

**Schizopetalus.** Flowers drooping, with reflex orange-red lacinated petals; a curious variety.

**Sub Violaceus.** Flowers of enormous size, of a beautiful carmine tinted with violet, and an unusually free bloomer.

**Zebrinus.** Petals scarlet-edged and striped with creamy yellow and white.

25 cts. each; \$2.50 per dozen.

## GLOXINIA.

A charming class of summer blooming bulbs, which succeed with ordinary care. They should be grown in a moderately shady place, as the sun burns the foliage when wet, making brown spots appear. If planted in frames, they will thrive admirably and produce their lovely flowers from June to September. After planting the bulbs in a mixture of fibrous peat, light loam, manure and sand in equal parts, they require but little heat or water until they show signs of growth, when the quantity of moisture and heat may be increased. Air should be plentifully supplied to prevent damping off. When the plants have done blooming dry gradually off, and keep in pots over winter in a moderately warm place, or under the staging of a greenhouse.

**Carmen.** Flowers erect, pure white throat, lips rich crimson.

**Crimson Queen.** Flowers erect, of very large size, throat deep crimson, pure white lips.

**Glow.** Flowers erect, pure white throat, with crimson spots; lips rich glowing crimson.

**Jenny Lind.** Flowers erect, rich shade of deep purplish blue.

**Marvel.** Flowers erect, rich purple lips, throat pure white spotted with purple.

**Punctata Elegans.** Flowers erect, pure white, minutely spotted with bright crimson; lovely.

**Purple Gem.** Flowers erect, pure white lips, throat deep rich purple.

**Sappho.** Flowers erect, rich dazzling crimson, large and of good substance.

**Spotted Gem.** Erect flowering, pure white, minutely spotted with royal purple; a distinct and pleasing variety.

**Triumphant.** Flowers erect, of a bright rosy crimson color, throat pure white, minutely spotted with deep crimson.

30 cts. each; \$3.00 per dozen; set of 10 varieties, \$2.50.

### GLOXINIA WHITE LADY.

A new strong growing variety, with large pure white flowers; a decided acquisition. 50 cents each.

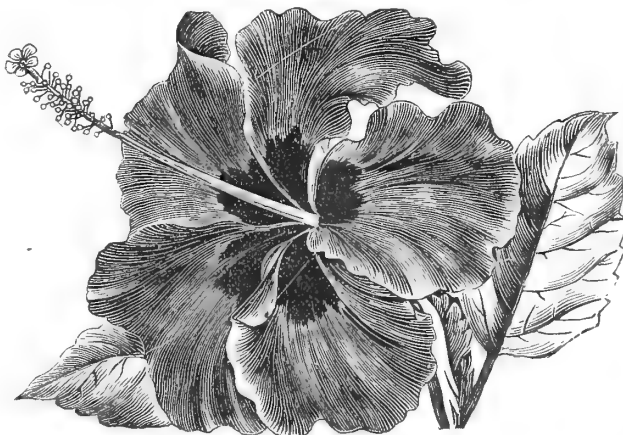
*We have made a specialty of the Gloxinia for many years, and have added all the improved strains as they have appeared, until our collection is unsurpassed either in this country or abroad. The named varieties we offer are specially good, and our mixtures include flowers of lovely form and hue.*

### GENISTA FRAGRANS.

A most desirable spring flowering plant, producing its fragrant bright golden yellow flowers in the greatest profusion. As a window plant of the easiest culture it is unsurpassed.

First size, 50 cts. each; 3 for \$1.00.

Second " 30 " " 4 " 1 00.



CHINESE HIBISCUS.





## DREER'S ◎ SUPERB ◎ HOLLYHOCKS.

Few hardy plants combine as many good qualities, lend themselves as readily to varied uses, or are as free from disease as the Hollyhock. For planting in rows or groups on the lawn, or for interspersing among shrubbery, they are invaluable. The flowers, which are as elegant in shape as a Camellia, form perfect rosettes of the most lovely shades of yellow, crimson, rose, pink, orange, white, etc. It is not surprising that this old favorite should again become popular; for, by careful selection, the flowers have been so much improved, that they are marvels of beauty and elegance. The Hollyhock requires a rich, deep soil, well drained, and will repay in quantity and elegance of bloom any extra care. A slight protection during winter will be beneficial.

We offer 6 distinct colors in strong plants that will flower the first season. 25 cts. each; \$2.50 per doz.

Strong, young plants, a fair percentage of which will flower the first season. 15 cts. each; \$1.50 per doz.

### JASMINUM.

**Jasminum Gracillimum.** Exceedingly floriferous; a flowering shoot is produced from every joint, which terminates in a dense cluster of pure white fragrant flowers; in bloom from Oct. to Feb. 30 cts. each.

**Jasminum Grandiflorum** (*Star Jasmine*, or *Catalonian Jasmine*). This variety is an old favorite and undoubtedly the most satisfactory for general culture of all the Jasmines; it flowers almost the entire season and is especially valuable as a house plant in winter; the flowers are pure white and most deliciously scented.

— **Grand Duke.** Large white, imbricated double flowers; fragrant. 30 cts. each.

— **Sambac.** Creamy white, star-shaped flowers; very fragrant and fine. 30 cts. each.

Strong plants 25 cts. each; 5 for \$1.00. Extra strong 2 years old plants 50 cts. each, 3 for \$1.00.

The set of 4 varieties, one of each, for \$1.00.

### LAPAGERIA.

Most beautiful greenhouse climbers, bearing large pendant waxy flowers.

**Lapageria Rosea.** Rich rosy crimson. \$2.50 each.

— **Alba.** Pure waxy white. \$4.00.

### MADEIRA VINE.

Of rapid growth, suitable for covering arbors, etc. Flowers feathery white, with a fragrance resembling Mignonette.

5 cts. each; 50 cts. per dozen.



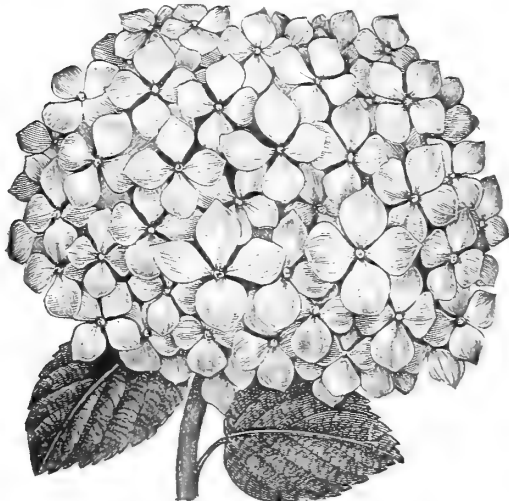
JASMINUM GRANDIFLORUM.

# HYDRANGEAS.

## HYDRANGEA OTAKSA.

A Japanese variety, producing immense heads of pink flowers. This is the variety so extensively used for Easter decoration.

First size 50 cts. each, 8 for \$1.00.  
Second size 30 cts. each, 8 for \$1.75.



HYDRANGEA. RED BRANCHED.

## HYDRANGEA, RED BRANCHED.

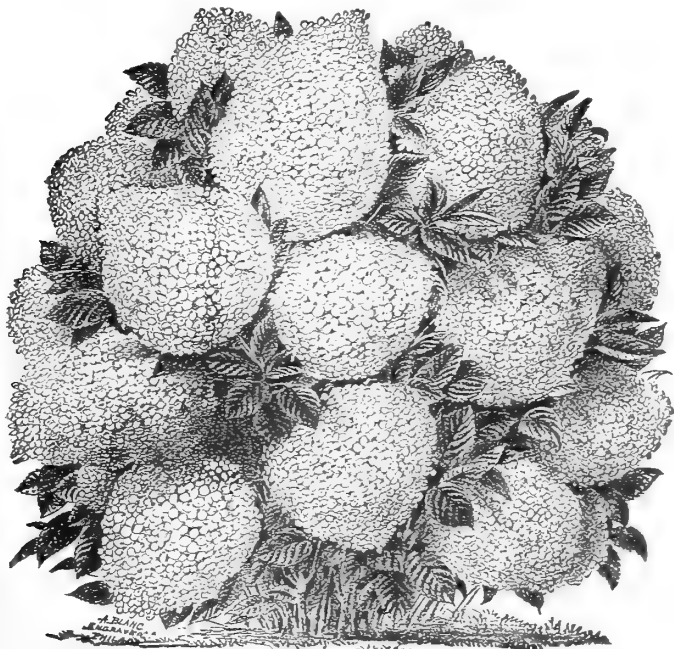
This is one of the finest varieties in cultivation, with dark red branches that brighten as they near the flower trusses. The plant is of robust habit, and produces freely immense heads of deep rose colored flowers.

First size 50 cts. each, 8 for \$3.00.  
Second size 30 cts. each, 8 for \$1.75.

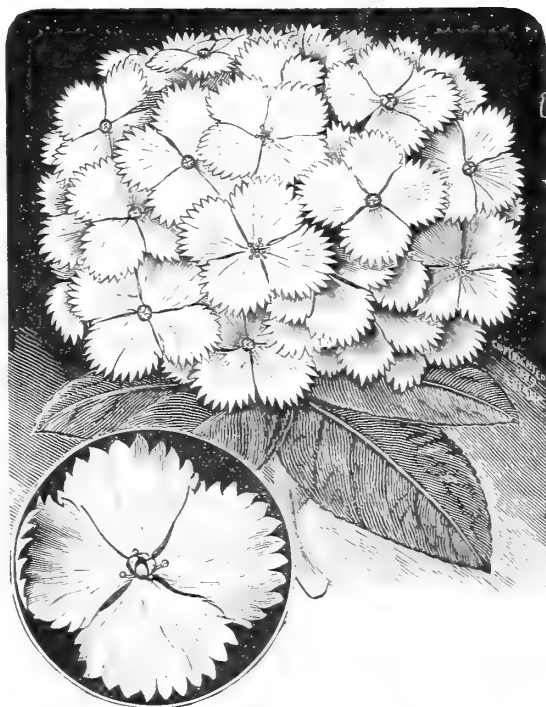
## HYDRANGEA ROSEA.

Similar in habit and growth to the popular Thomas Hogg, except in color, which is a bright rosy red.

First size 50 cts. each, 8 for \$3.00.  
Second size 30 cts. each, 8 for \$1.75.



HYDRANGEA PANICULATA GRANDIFLORA.



HYDRANGEA STELLATA FIMBRIATA

## HYDRANGEA STELLATA FIMBRIATA.

The flowers are produced in large trusses, and are of the purest white; each floret is neatly fringed and has a distinct crimson spot in the centre.

First size 50 cts. each, 8 for \$3.00.  
Second size 30 cts. each, 8 for \$1.75.

## HYDRANGEA THOMAS HOGG.

Large pure white flowers which, on well grown plants, measure more than 12 inches in diameter. Is quite as hardy as the other garden sorts.

First size 50 cts. each, 8 for \$3.00.  
Second size 30 cts. each, 8 for \$1.75.

## HYDRANGEA HORTENSIS.

An old favorite, producing large heads of pink flowers in great profusion; the color may be changed to a beautiful blue, by mixing the iron scales from a blacksmith's shop among the soil. Hardy with protection.

First size 50 cts. each, 8 for \$3.00.  
Second size 30 cts. each, 8 for \$1.75.

## HYDRANGEA HORTENSIS VARIEGATA.

An exceedingly ornamental plant; the leaves are deep green, margined with pure white; fine for shady positions.

First size 50 cts. each, 8 for \$3.00.  
Second size 30 cts. each, 8 for \$1.75.

## HYDRANGEA PANICULATA GRANDIFLORA.

This is the finest hardy shrub in cultivation, and endures heat and cold extremely well. The flowers, which are borne in dense pyramidal panicles in the greatest profusion, are white when they first open, but gradually change to rose color and remain in good condition for weeks.

25 cts., 50 cts. and \$1.00 each, according to size.



IMPATIENS SULTANI VARIEGATA

**IMPATIENS.**

**Impatiens Sultani.** Of compact, neat habit, and a perpetual bloomer; the flowers are a peculiar brilliant rosy scarlet color,  $1\frac{1}{2}$  inches in diameter, and produce very freely. 15 cts. each; \$1.50 per dozen.

— **Sultani Variegata.** A sport from the well-known Impatiens Sultana, with which it is identical in habit of growth and freedom of flowering, while the foliage is beautifully edged and variegated with silvery white, giving the entire plant a most novel and pleasing appearance. 30 cts. each; 4 for \$1.00

— **Lucy.** A lovely shade of rosy lilac, tinted mauve. Stands the summer heat and is a complete mass of flowers from early summer till late autumn. 15 cts. each; \$1.50 per doz.

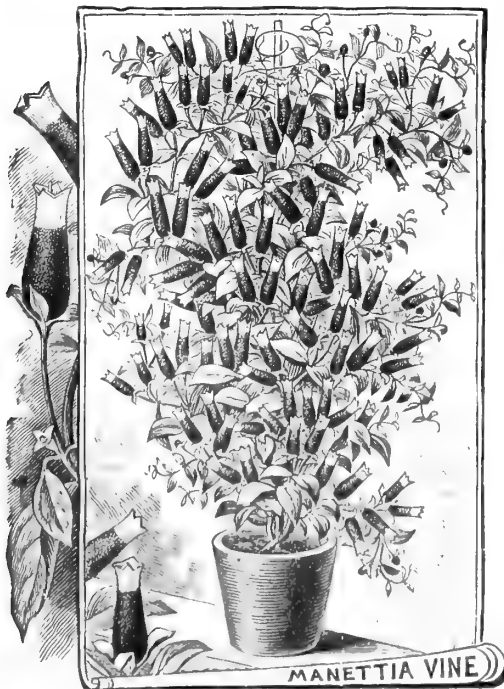
**LYCOPODIUM, or SELAGINELLA.**

The following list comprises the most popular varieties of this useful class of plants; all will be found especially suited to use in connection with Ferns and other decorative plants.

**Denticulatum.** **Denticulatum Variegatum.**  
**Martensi.** **Krauseanum.** **Plumosum.**  
**Wildenowii.**

15 cts. each; \$1.50 per dozen.

**Selaginella Emiliana.** A most beautiful and distinct new species of bold but very graceful habit, growing about 10 inches high. 30 cts. each; 4 for \$1.00.



MANETTIA VINE

**LANTANAS.**

One of the best summer-flowering plants for our climate; equally fine in dry or wet weather, sun or shade. There are few bedding plants that bloom more continuously or afford a greater variety of color. When grown with a single stem and trained as standards, with fine bushy tops and straight stem, they present an effect that is surpassed by few plants.

**Comtesse Morny.** Blush and rose.

**Craig.** Rich orange carmine.

**Favorita.** Yellow merging into crimson.

**Imperatrice Eugenie.** Blush and white.

**Perfection.** Green foliage, variegated with yellow lilac flowers; very showy and constant.

**Pluie d'or.** Very clear canary yellow; a novel shade.

**Queen Victoria.** Fine white.

15 cts. each; \$1.50 per doz.; set of 7, 75 cts.

**MARANTA.**

Valuable decorative stove plants, remarkable for the richness and beauty of their varied foliage.

**Makoyana.** \$1.00 to \$1.50.

**Massangeana.** 50 cts.

**Zebrina.** 50 cts. to \$1.00.



MARANTA MASSANGEANA.

**MILLA BIFLORA.**

(Mexican "Star of Bethlehem.")

One of the loveliest and most desirable bulbs. The flowers are nearly 2½ inches in diameter, of a pure waxy white color, and usually borne in pairs; the petals are thick and leathery, of great substance, and will keep for days when cut and placed in water. 10 cts. each; \$1.00 per dozen.

**MANETTIA VINE.**

(*Manettia Bicolor.*)

A charming and profuse flowering climber, producing tubular flowers from 1 to 2 inches in length, the plant being literally covered with them the entire season. The coloring of these flowers is gorgeous in the extreme, being a flame color tipped with bright yellow; the contrast with the vivid green, glossy foliage is startling, making the plant an object of rare beauty. It will grow and bloom in any ordinary soil, and given strings or wires to cling to it will attain a height of from 5 to 10 feet in one season. As a pot plant it is unrivalled, when trained to a wooden stake or pot trellis in the manner shown in the cut.

20 cts. each; 6 for \$1.00.



MONTBRETIA CROCOSMIAEFLORA

**MONTBRETIAS.**

The Montbretias, although as yet little known, must rank amongst our most decorative bulbous plants. Their graceful spikes of showy flowers are invaluable for cutting, and are in full glory a month after all tender plants are killed by frost.

**Montbretia Crocosmiaeflora.** Resembles somewhat a miniature Gladiolus. It throws up several flower spikes from each bulb, bearing numerous flowers of a brilliant orange-red, shaded with yellow; 2½ ft.

Bulbs 10 cts. each; \$1.00 per dozen.

**Montbretia Pottsii.** Graceful branched spikes of small crimson scarlet flowers, very showy; 2 ft.

Bulbs 10 cts. each; \$1.00 per dozen.

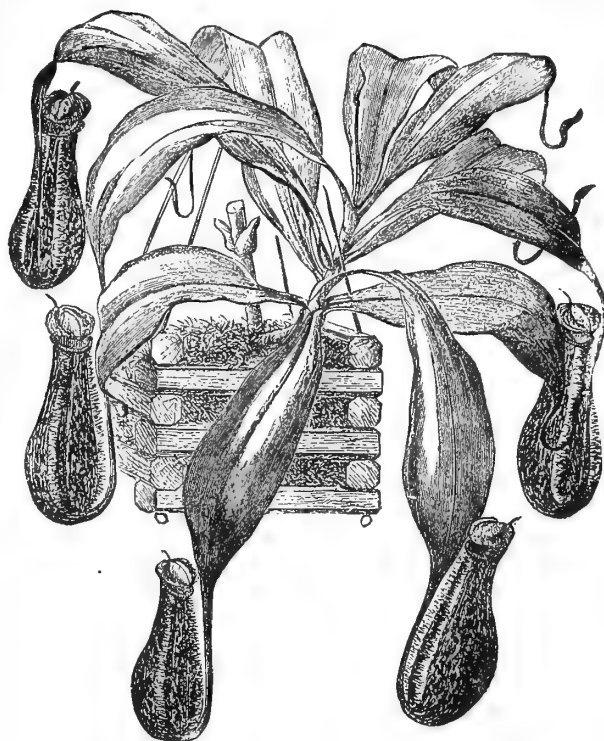


MUSA ENSETE.

**Musa Ensete.**

The leaves are magnificent, long, broad and massive, of a beautiful green, with a broad crimson midrib; the plant grows luxuriantly from 8 to 12 feet high. During the hot summer, when planted out, it grows rapidly, and attains gigantic proportions, producing a tropical effect on the lawn, terrace, or flower garden. It can be stored in a light cellar or cool greenhouse during the winter, with a covering of soil, or planted in a tub, and watered sparingly.

Plants 8 in., 50 cts.; 1 ft., \$1.00; 2 to 3 ft., \$2.50 each.



NEPENTHES (PITCHER PLANT.)

**NEPENTHES.**

(Pitcher Plants.)

We grow six choice varieties of these interesting plants. They succeed best planted in baskets suspended from the roof of the greenhouse or conservatory. They should always be thoroughly shaded and furnished with an abundant supply of water. \$2.50 to \$3.00 each.

**NEPETA GLECHOMA  
VARIEGATA.**

Variegated form of our native ground-ivy or groundsel and one of the most useful basket and vase plants in cultivation; foliage is bright green with a broad border of white; succeeds in any position. 15 cts. each; \$1.50 per dozen.

**PASSIFLORA PFORDTI.**

This we consider the best of all the tender varieties for outdoor planting. Its beautiful flowers are borne freely, even on quite small plants. They are of a rich shade of blue, suffused with rose. 15 cents each; \$1.50 per dozen.

**Paneratiums.**

The majority of the Paneratiums being evergreen in their foliage will bloom much more abundantly if potted in the fall, or planted in cold frames; they will then be in full foliage in early spring, and cannot fail to produce their sweet-scented flowers in abundance.

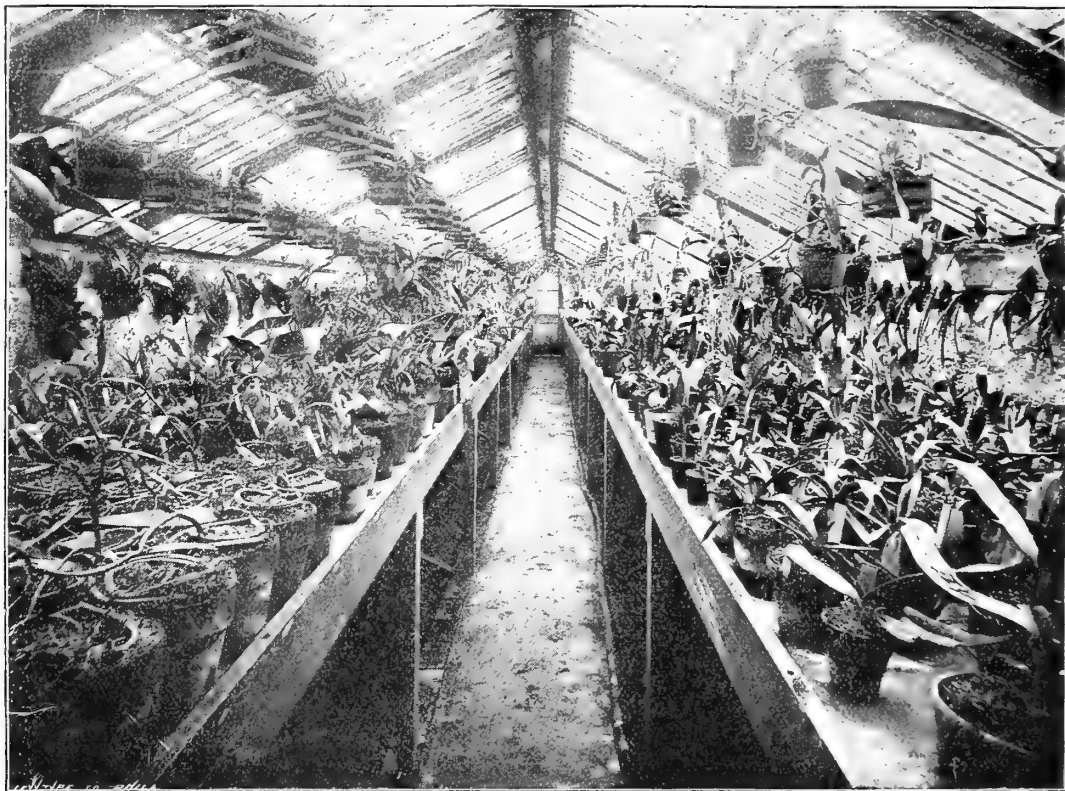
**Paneratium Carribæum (Spider Lily).** Numerous clusters of delicate pure white sweet-scented flowers, lasting long in bloom. 25 cts. each; \$2.50 per dozen.

**P. Illyricum.** Bears a stout flower stem, terminated by numerous umbels of deliciously fragrant and attractive large white blossoms. A rare gem. 35 cts. each.

**P. Maritimum (The Sea Daffodil).** Bears large panicles of pure white fragrant anaryllis-like flowers, yellowish inside and of delightful odor. Planted a foot in the ground, in light sandy soil, they will prove hardy. One of the finest of Paneratiums. If whole stems are cut the flowers will continue opening in succession for two weeks.

20 cts. each; \$2.00 per dozen.





PARTIAL VIEW OF ONE OF OUR ORCHID HOUSES AT RIVERTON.

## ✧ ORCHIDS. ✧

For the convenience of those who desire a few orchids for trial we offer the following sets at a considerable reduction from regular rates. The plants are strong, well established, and with ordinary care should prove satisfactory.

*They cannot be sent by mail.*

*For \$5.00 we will select 6 choice varieties that will succeed in a cool greenhouse or cool conservatory.*

*For \$10.00 we will select 6 very fine varieties that will succeed in an ordinary warm greenhouse or conservatory.*

*For \$10.00 we will select 6 very fine varieties that require hot-house temperature.*

The following abbreviations are used in this list:

C. Distinguishes the Cool-house kinds; T. the Temperate, and S. the Stove varieties.

|    |                                   | EACH           |
|----|-----------------------------------|----------------|
| T. | <i>Aerides Crispum</i> .....      | \$2.50         |
| S. | “ <i>Expansum Leonii</i> .....    | 4.00           |
| T. | “ <i>Fieldingi</i> .....          | 5.00           |
| S. | “ <i>Odoratum Majus</i> .....     | 4.00           |
| S. | <i>Angraecum Citratum</i> .....   | 2.50           |
| S. | “ <i>Articulatum</i> .....        | 2.50           |
| S. | “ <i>Sanderianum</i> .....        | 1.50           |
| S. | “ <i>Scottianum</i> .....         | 2.50           |
| S. | “ <i>Sesquipedale</i> .....       | 7.50           |
| T. | <i>Anguloa Clowesii</i> .....     | 2.50           |
| C. | <i>Brassia Verucosa</i> .....     | 1.50           |
| T. | <i>Calanthe Veitchii</i> .....    | \$2.50 to 3.00 |
| T. | <i>Cattleya Amethystina</i> ..... | 3.00           |
| T. | “ <i>Amethystoglossa</i> .....    | 3.50           |
| C. | “ <i>Citrina</i> .....            | 1.00           |
| T. | “ <i>Gaskelliana</i> .....        | 3.00           |
| T. | “ <i>Gigas</i> .....              | 3.00           |
| T. | “ <i>Guttata</i> .....            | 3.00           |
| T. | “ <i>Labiata</i> .....            | 3.00           |
| T. | “ <i>Leopoldi</i> .....           | 3.00           |
| T. | “ <i>Mendelli</i> .....           | 3.00           |
| T. | “ <i>Mossiae</i> .....            | \$2.00 to 4.00 |
| T. | “ <i>Percivalliana</i> .....      | 3.50           |
| T. | “ <i>Sanderiana</i> .....         | 3.50           |
| T. | “ <i>Skinneri</i> .....           | 3.00           |
| T. | “ <i>Trianae</i> .....            | \$2.50 to 5.00 |
| T. | <i>Chysis Aurea</i> .....         | 1.50           |
| T. | “ <i>Bractescens</i> .....        | 1.50           |

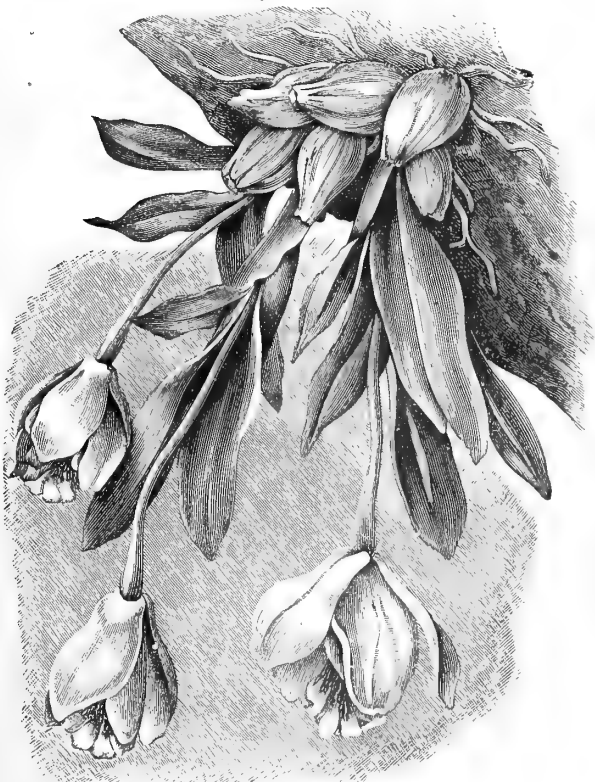


CATTLEYA TRIANA.

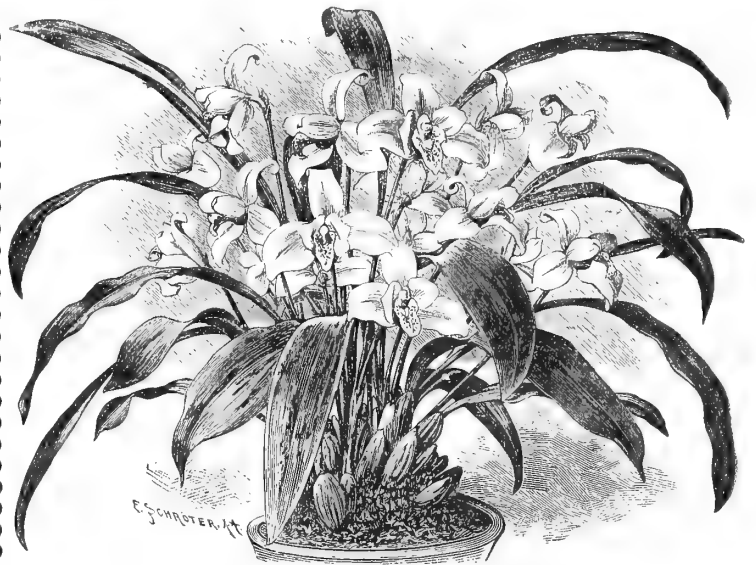


**ORCHIDS**—Continued.

|                                      | EACH           |
|--------------------------------------|----------------|
| C. <i>Cœlogyne Cristata</i> .....    | \$2.00 to 5.00 |
| C. <i>Cymbidium Eburneum</i> .....   | 4.00           |
| C. " <i>Lowianum</i> .....           | 4.00           |
| T. <i>Cypripedium Barbatum</i> ..... | 1.50           |
| S. " <i>Bellatulum</i> .....         | 4.00           |
| C. " <i>Boxalli</i> .....            | 2.00           |
| T. " <i>Callosum</i> .....           | 2.50           |
| T. " <i>Caudatum</i> .....           | 5.00           |
| T. " <i>Ciliolare</i> .....          | 3.50           |
| T. " <i>Concolor Rœgnerii</i> .....  | 3.50           |
| T. " <i>Dominii</i> .....            | 3.50           |
| T. " <i>Elliotianum</i> .....        | 4.00           |
| C. " <i>Harrisianum</i> .....        | 2.50           |
| S. " <i>Haynaldiana</i> .....        | 2.50           |
| S. " <i>Hookeræ</i> .....            | 2.50           |
| C. " <i>Insigne</i> .....            | \$1.00 to 5.00 |
| S. " <i>Lævigatum</i> .....          | 2.50           |
| T. " <i>Lawrencianum</i> .....       | 2.50           |
| S. " <i>Lowii</i> .....              | 3.00           |
| S. " <i>Parishii</i> .....           | 3.00           |
| S. " <i>Sanderianum</i> .....        | 5.00           |
| C. " <i>Sedeni</i> .....             | 2.50           |
| T. " <i>Spicerianum</i> .....        | 4.00           |
| S. " <i>Stoneii</i> .....            | 3.00           |
| C. " <i>Venustum</i> .....           | 1.50           |
| S. " <i>Villosum</i> .....           | 2.50           |
| S. <i>Dendrobium Bensoniæ</i> .....  | 2.00           |
| T. " <i>Cambridgeanum</i> .....      | 2.50           |
| S. " <i>Crassinode</i> .....         | 2.50           |
| S. " <i>Dalhousianum</i> .....       | 3.00           |
| S. " <i>Dearei</i> .....             | 2.50           |
| T. " <i>Densiflorum</i> .....        | 2.00           |
| T. " <i>Devonianum</i> .....         | 2.50           |
| T. " <i>Fimbriatum</i> .....         | 2.50           |
| T. " <i>Formosum Giganteum</i> ..... | 3.00           |
| T. " <i>Nobile</i> .....             | \$1.00 to 2.50 |
| S. " <i>Suavissimum</i> .....        | 2.00           |
| T. " <i>Thyrsoflorum</i> .....       | 3.00           |



CATTLEYA CITRINA.



LYCASTE SKINNERI.

|                                                | EACH           |
|------------------------------------------------|----------------|
| T. <i>Dendrobium Wardianum</i> .....           | \$2.50         |
| T. <i>Epidendrum Nemorale</i> .....            | 1.50           |
| T. <i>Gongora Atropurpurea</i> .....           | 1.00           |
| C. <i>Lælia Albida</i> .....                   | 1.00           |
| C. " <i>Anceps</i> .....                       | >1.00 to 2.00  |
| C. " <i>Autumnalis</i> .....                   | 2.00           |
| T. " <i>Dayana</i> .....                       | 2.00           |
| C. " <i>Majalis</i> .....                      | 2.00           |
| T. " <i>Purpurata</i> .....                    | 3.00           |
| T. <i>Leptotes Bicolor</i> .....               | 2.00           |
| C. <i>Lycaste Skinneri</i> .....               | 2.00           |
| C. <i>Odontoglossum Alexandrae</i> .....       | 1.50           |
| C. " <i>Bictoniense</i> .....                  | 2.00           |
| C. " <i>Grande</i> .....                       | 2.00           |
| C. " <i>Harryanum</i> .....                    | 2.00           |
| C. " <i>Pescatorei</i> .....                   | 1.50           |
| S. " <i>Roezlii</i> .....                      | 2.50           |
| C. " <i>Rossii Majus</i> .....                 | 1.50           |
| C. " <i>Triumphans</i> .....                   | 2.50           |
| T. " <i>Vexillarium</i> .....                  | 2.50           |
| T. <i>Oncidium Cavendishianum</i> .....        | 2.00           |
| C. " <i>Crispum</i> .....                      | 2.00           |
| C. " <i>Flexuosum</i> .....                    | 2.00           |
| C. " <i>Incurvum</i> .....                     | 1.50           |
| S. " <i>Kramerianum</i> .....                  | 3.00           |
| S. " <i>Lanceanum</i> .....                    | 2.00           |
| C. " <i>Ornithorhynchum</i> .....              | 1.50           |
| S. " <i>Papilio Majus</i> .....                | 2.00           |
| C. " <i>Tigrinum</i> .....                     | 2.00           |
| C. " <i>Varicosum</i> .....                    | 2.50           |
| S. <i>Peristeria Elata (Dove Flower)</i> ..... | \$1.50 to 3.00 |
| S. <i>Phalaenopsis Schilleriana</i> .....      | 4.00           |
| S. " <i>Amabilis</i> .....                     | 4.00           |
| S. <i>Rodriguezia Secunda</i> .....            | 1.50           |
| S. <i>Saccolabium Blumei</i> .....             | 3.50           |
| S. " <i>Cœleste</i> .....                      | 3.00           |
| S. " <i>Giganteum</i> .....                    | 3.50           |
| S. " <i>Guttatum</i> .....                     | 5.00           |
| C. <i>Stanhopea Oculata</i> .....              | 1.50           |
| C. " <i>Tigrina</i> .....                      | 1.50           |
| T. <i>Trichopelia Suavis</i> .....             | 2.50           |
| C. " <i>Tortilis</i> .....                     | 2.00           |
| T. <i>Vanda Amesiana</i> .....                 | 3.50           |
| T. " <i>Cœrulea</i> .....                      | 4.00           |
| S. " <i>Kimballiana</i> .....                  | 3.50           |
| S. " <i>Roxburghii</i> .....                   | 5.00           |
| S. " <i>Suavis</i> .....                       | 7.50           |
| T. " <i>Tricolor</i> .....                     | 5.00           |
| C. <i>Zygopetalum Mackayi</i> .....            | \$1.50 to 2.00 |

# PALMS.

Palms are now indispensable in all decorations, whether for apartments, conservatories or for tropical bedding in summer. The large demand the past few years has induced us to considerably increase our facilities for propagating and growing this class of stock, and we have now twelve of our largest houses devoted to their cultivation alone, which enables us to supply all the leading and popular varieties at most reasonable prices.

**Areca Lutescens.** One of the most valuable and beautiful Palms in cultivation; bright glossy green foliage and rich golden yellow stems. 50 cts. to \$25.00 each.

**Areca Sanderiana.** A beautiful new species, with deep glossy green foliage and red stems. \$1.50 to \$3.00 each.

**Areca Sapida.** A strong upright growing variety with dark green feathered foliage. \$1.00 to \$3.00 each.

**Areca Verschaffeltii.** One of the most elegant varieties, with dark shining green foliage and light-colored band through the centre of each leaf. \$1.00 to \$5.00 each.

**Caryota Urens** (*Fish Tail Palm*). An easily grown and useful sort. 50 cts. each.

**Ceroxylon Niveum.** Beautiful, broad foliage, silvery white on under side; of imposing habit. \$10.00 each.



KENTIA BELMOREANA

**Corypha Australis.** An Australian Palm, of rapid growth and easy cultivation. 50 cts. each.

**Chamaerops Exelsa.** A handsome Fan Palm, of rapid, easy culture. 50 cts.

**Cocos Weddelliana.** The most elegant and graceful of all the smaller Palms. Its slender erect stem is freely furnished with its gracefully arching leaves, made up of innumerable long narrow pinnae or segments of a rich green color. The Cocos are admirable for fern dishes, as they are of slow growth and maintain their beauty for a long time. 50 cts. \$1.00 each.

**Kentia Belmoreana.** A beautiful strong-growing Palm, deep green crisp foliage. \$1.50 to \$5.00 each.

**Kentia Fosteriana.** One of the finest of the Kentias, with graceful bright green foliage. \$1.50 to \$10.00 each.

**Latania Borbonica** (*Chinese Fan Palm*). The most desirable for general cultivation, especially adapted for centres of baskets, vases, jardinières, etc. 50 cts., \$1.00, \$2.00, \$3.00, and \$5.00 each.

**Phoenix Reclinata.** Beautiful reclinate foliage. A graceful and exceedingly ornamental Palm. 50 cts., \$1.00 and \$2.50 each.

**Phoenix Sylvestris.** An attractive sort, deep green foliage. 50 cts. to \$2.00 each.



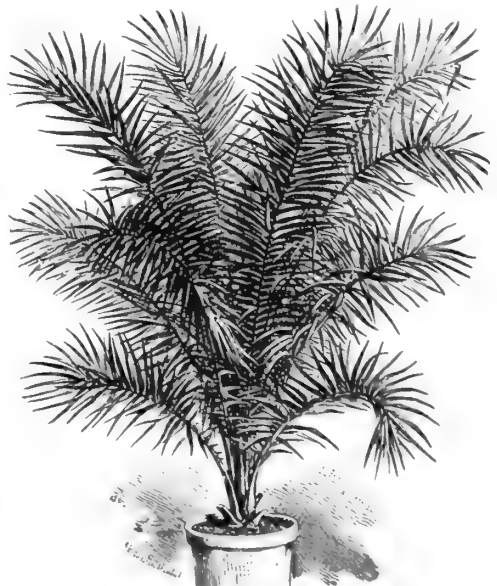
LATANIA BORBONICA.

**Phoenix Rupicola.** This is one of the most graceful among the smaller Palms, with wide spreading arching pinnate leaves, broadly lance shaped in outline, with long narrow pinnae, the lower of which become gradually reduced to spines. 50 cts. to \$2.50 each.

**Ptychosperma Alexandrae.** A graceful and elegant variety. 50 cts. to \$3.00 each.

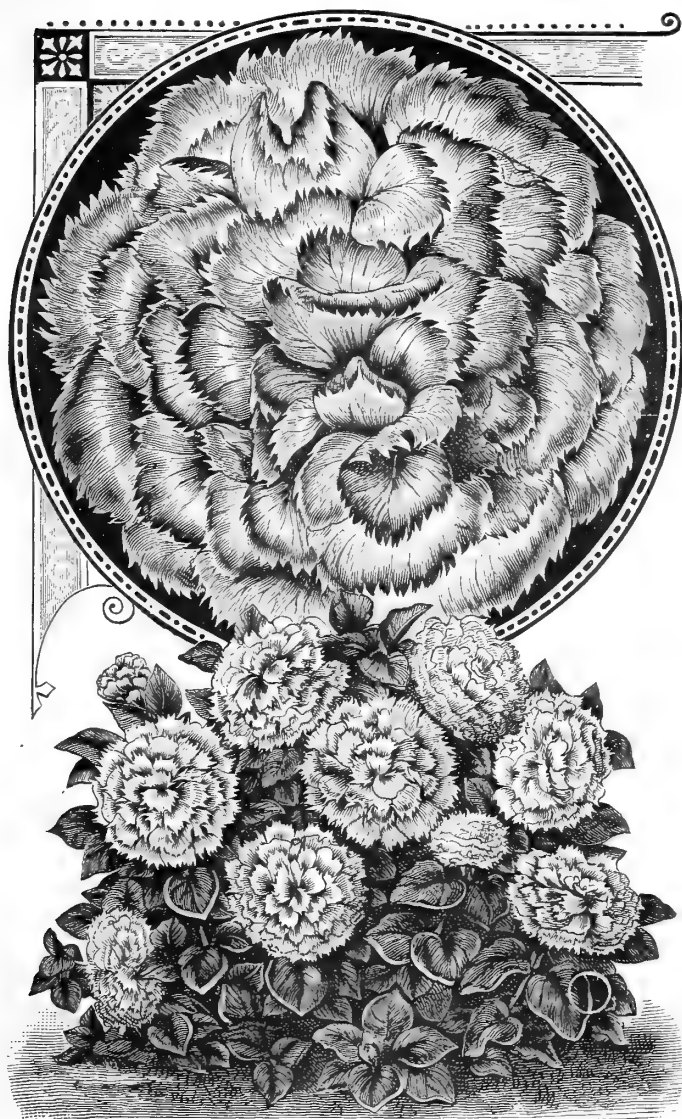
**Seaforthia Elegans.** One of the very best for ordinary purposes, of graceful habit, and rapid, easy growth. 50 cts. to \$1.00 each.

**Stevensonia Grandifolia** (*Phaenocophorium Sechelarium*). One of the most distinct and beautiful species in cultivation. Young plants. \$3.00 each.



PHOENIX RECLINATA.

We can frequently supply large specimens of many varieties of Palms, and shall be pleased to furnish descriptions and prices to parties requiring this class of stock.



DREER'S DOUBLE FRINGED PETUNIAS.

## Pansies.

As we have given this plant special selection and cultivation, the stock offered can be relied on as embracing the best from foreign and domestic collections. It combines with flowers of the largest size and finest form the most exquisite gradations of color.

Pot-grown, 15 cents each; \$1.50 per dozen.  
Out of frames, 10 cents each; 75 cents per dozen; \$5.00 per 100.

### PHYLLOTÆNIUM LINDENI.

A beautiful foliage plant, with large calla-like leaves of a beautiful velvety green, zebra striped on the stem. \$1.50 each.

### PRIMULA OBCONICA.

An ever-blooming Primrose bearing on long stems heads containing 10 to 15 flowers. It thrives in a cool house and will grow in favor with those desiring plants that will grow easily. The flowers are pure white, shading occasionally to lilac, and have the true Primrose fragrance. In bloom nearly the whole season. 25 cents each; 6 for \$1.00.

### PARDANTHUS SINENSIS.

(Blackberry Lily.)

Lily-like flowers of a bright orange color, spotted with red, which are succeeded by seeds that resemble blackberries.

10 cents each; 12 for \$1.00.

## DREER'S

# Double Fringed Petunias.

For many years we have made a specialty of Double Petunias, growing from three to five thousand seedlings annually, from which we select the best for propagation. We have discarded the plain-edged sorts, as the fringed and laced varieties listed below are very much better.

**Ada.** Purplish crimson edged with pure white; very large.

**Alamo.** Mottled crimson edged with white.

**Apollo.** Deep crimson centres changing through the various shades of rose and blush to pure white on the edges.

**Beauty.** Most beautiful silvery rose; a distinct and handsome variety.

**Ceres.** Pure white mottled with rosy crimson; a fine large flower.

**Clio.** Pure white with crimson mottled centre.

**Columbia.** Pure white with crimson centre.

**Darling.** Clear silvery rose, marked with white.

**Elvira.** Pure white with a finely mottled carmine centre; a fine flower.

**Eureka.** Intensely rich purple rarely splashed with white; a most beautifully formed flower of large size.

**Flora.** Mottled white, crimson and blush.

**Fortuna.** Blush white with purple crimson splashed centre.

**Gazelle.** Rich crimson rose, edged with white.

**Gem.** Mottled crimson, purple and white.

**Incomparable.** Rich crimson-shaded purple, heavily laced with white.

**Majestic.** A most beautifully fringed self-colored variety, of a rich purple-crimson.

**Nobilis.** Mottled crimson, rose and white; a fine flower.

**Mermaid.** A fine flower; beautifully mottled white and rich purplish crimson.

**Mrs. G. Dawson Coleman.** The finest double white.

**Sunbeam.** An elegantly built flower, with deeply frilled edges; blush white in the centre, passing to light rosy crimson on the edges.

15 cents each; \$1.50 per dozen; set of 20 varieties, \$2.00.



PEPEROMIA MACULOSA.

### PEPEROMIA MACULOSA.

A pretty dwarf growing ornamental foliage plant, exceedingly useful as a pot plant for the window or for planting in baskets or vases; it has thick fleshy foliage of a bright green color, veined with silvery white. 25 cents each; 5 for \$1.00.



PANDANUS UTILIS.

## Pandanus.

(Screw Pine.)

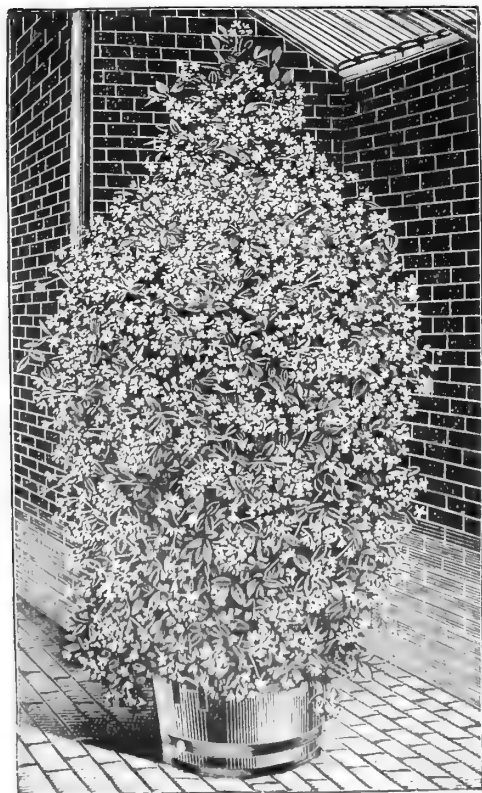
**Pandanus Utilis.** Called Screw Pine from the arrangement of the leaves on the stem. This is one of the most useful of our ornamental foliage plants; excellent for the centre of vases and baskets, or grown as a single specimen; for in or out door decoration. Fine young plants, 50 cts. each.

— **Javanicus Variegatus.** Leaves green, with broad stripes of pure white, gracefully curved.

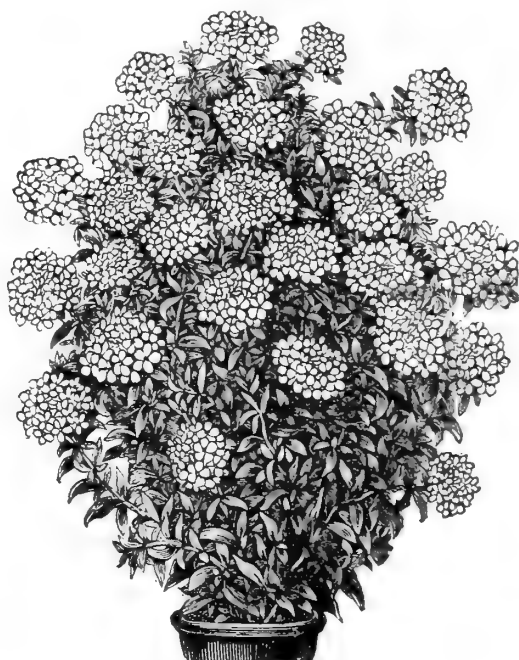
\$1.00 to \$5.00 each.

— **Veitchii.** This is one of the most attractive plants. The leaves are light green, beautifully marked with broad stripes and bands of pure white, and gracefully curved.

\$1.50 to \$10.00 each.



RHYNCOSPERMUM JASMINOIDES



PLUMBAGO CAPENSIS ALBA.

## PLUMBAGO.

**Plumbago Capensis.** Light blue, very free flowering; 25 cts. each.

— **Capensis Flore Alba.** The exact counterpart of Plumbago Capensis except in color, which in this beautiful novelty is a creamy white. This is one of the leading new plants of the year, and as a bedding plant will be found invaluable, as it is constantly in bloom throughout the season. 25 cts. each.

— **Coccinea Superba.** Similar in style to Plumbago Rosea, but producing long racemes of flowers 12 to 15 inches in length, and of a bright satiny carmine color. They remain in bloom a long time and are very showy and brilliant. 30 cts. each.

## RHYNCOSPERMUM

### JASMINOIDES.

A beautiful greenhouse plant, with glossy evergreen foliage, producing masses of pure white Jasmine-like flowers, delightfully fragrant; in bloom about May and June. It is of a climbing habit, and presents a beautiful appearance when properly trained. The flowers are very desirable for bouquets, etc.

50 cents each.

## SALVIA.

**Gypsy.** Maroon.

**Prince Ali.** Deep crimson.

**Soucheti fl. alba.** Pure white.

**Splendens.** Scarlet Sage.

**Marmorata.** Flowers and calyx pure white, beautifully mottled and spotted with scarlet; dwarf habit, free blooming. 10 cents each; \$1.00 per dozen; \$8 per 100.

## SANSEVIERA

### ZEALANICA.

An elegant variegated plant, especially adapted for house decoration, the thick leathery leaves standing the heat and dust of the house with impunity.

30 cents each; 1 for \$1.00.



SANSEVIERA ZEALANICA



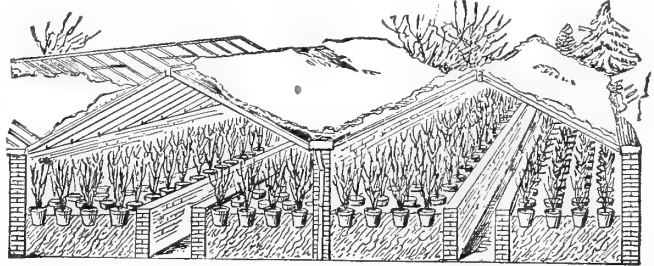
# THE CULTIVATION OF ROSES.

IN submitting our revised list of Roses to our friends and customers, we feel justified in saying that our plants this season are the largest and finest we have ever offered; the flattering letters received from many of our patrons, as to the satisfactory results obtained from stock purchased of us, have made us feel that our efforts to send out good and reliable plants are appreciated.

The young Roses that have been propagated during the winter from healthy parentage are planted out in April or May in ground which has been deeply plowed, as well as liberally manured, where they are cultivated until early in November, when the plants are carefully lifted, potted and stored during the winter in cold houses at our Riverton Nursery, as shown in illustration. Pot-grown plants of sorts best suited to this method are also cultivated at our Riverton establishment, and stored away during the winter in Rose pits.

This treatment is especially desirable for plants intended for out-door planting; it gives the Roses their natural season of rest, enables the grower to plant early in the spring before the foliage develops, and places them in a condition for starting off vigorously and naturally, thus avoiding the risk of diseases that attack plants grown in high temperature in forcing houses.

This treatment we find specially adapted for Hybrid Perpetual Roses, as we are enabled to furnish our customers plants that will bloom when set out in the open ground, which by the old method was nearly an impossibility, as the high temperature, unavoidable where fire heat was used, pushed them into bloom before it was safe to plant out-of-doors. Roses taken from a high temperature and subjected to the cool night air of the early spring months are invariably checked and the flowers ruined.



SECTIONAL VIEW OF ROSE PITS WITHOUT FIRE HEAT.

## WINTER FORCING.

Young plants of the tea varieties may be planted on the benches between May and October in 6 inches of soil that has been specially prepared from sod taken from old pasture lands. No fertilizing material is given until the plants become well established. The best material for a stimulant is liquid manure, made from cow manure or guano, the latter to be applied carefully, say every week. Bone dust worked into the soil is a good fertilizer and lasting in its effect. By this method of growing the flowers attain large size and perfect coloring. The old way of growing the plants into large size before planting on the benches is still practiced by many and fine blooms obtained, though by using small plants as indicated less labor is required with equally good results.

Unceasing care is necessary that the proper degree of fertility and moisture is kept up, and that the temperature is not allowed to fall to the point where the plants will be chilled and subjected to an attack of mildew.

## GARDEN CULTIVATION.

**Preparation of the Ground.**—Roses will grow in any fertile ground, but are much improved in bloom, fragrance and beauty by rich soil, liberal manuring, and good cultivation. The ground should be subsoiled and well spaded to the depth of a foot or more, and enriched by digging in a good coat of cow manure or any fertilizing material that may be convenient. Renew old beds by decayed sods taken from old pasture land.

**Planting.**—When the ground is thoroughly prepared—fine and in nice condition—put in the plant slightly deeper than it was before, spread the roots out evenly in their natural position, and cover them with fine earth, taking care to draw it closely around the stem, and pack firmly down with the hand. It is very important that the earth be tightly firmed down on the roots. Budded Roses should be planted three inches below the bud. Always choose the most favorable time for planting in your own locality. Roses can be planted as soon as convenient after the frost is over. They can be sent with entire safety, regardless of the season. Always select an open, sunny place, exposed to full light and air. Roses appear to best advantage when planted in beds or masses.

**Watering.**—If the ground is dry when planted, water thoroughly after planting, so as to soak the earth down below the roots; and, if hot or windy, it may be well to shade for a few days. After this not much water is required unless the weather is unusually dry. Plants will not thrive if kept too wet and without drainage.

**Pruning.**—In most seasons it is best to prune established plants of hardy kinds in March. Tender varieties (such as the Tea Roses) and newly planted Roses may be left till a month later. As a general rule close pruning produces quality, and long pruning quantity of bloom. Climbing, Weeping and Pillar Roses should not be cut back; but the tips of the shoots only should be taken off, and any weak or unripe shoots cut out altogether.

## FALL AND WINTER TREATMENT.

**Fall Treatment.**—In the fall the Rose beds should have a good dressing of stable manure, or any fertilizing material that is convenient. The winter rains will carry the strength down to the roots, and the remaining matter makes a nice mulch, which in many places is all the protection that is necessary. In very cold localities it is a good plan to cover the beds all over with old sods, fresh earth, or coal ashes, from three to six inches deep. Where the winters are not very severe tender Roses may be nicely covered with clean Rye straw, forest leaves, or evergreen branches, but care must be taken not to put it on too thick; the covering should permit considerable circulation of air, and should not retain water; and nothing should be used that will ferment, heat or rot. The object of covering is not to keep the plants warm, but to break the force of sudden and violent changes, particularly in March, when the plants should be protected from the sun, rather than cold; the sudden thawing of the frozen wood doing the damage.

**Winter Treatment.**—Whatever covering is used, it should not be put on till late in the season, when the plants are well matured and severe weather closes at hand; moderate freezing is not injurious. It should be understood that a certain degree of growth and development is necessary to enable even Hardy Roses and plants to bear Northern winters. If newly planted just before cold weather, they cannot bear the winter; they must be planted early enough in the season to make considerable growth and get well established before cold weather begins, otherwise they will most likely be winter-killed, in spite of any protection that can be given. In places where the winters are not more severe than at Philadelphia, many varieties of the Ever-Blooming Roses are nearly hardy, and we think the best way to treat them is to leave all in open ground, and give whatever covering may be convenient. Experience proves that the loss will be as light in this way as any other, and it is much the least trouble.

**When to Uncover.**—Do not uncover in the spring till frost has left the ground and there is a prospect of reasonably settled weather. When uncovered the plants should be carefully pruned, and the beds dug and raked.

# ROSES.

## NEW, RARE AND CHOICE VARIETIES.



WHITE LA FRANCE (AUGUSTINE GUINSEAU).

### New Hybrid Tea, AUGUSTINE GUINSEAU.

(The White La France.)

A distinct sport from that popular variety, "La France," with which it seems to be identical in habit, form and vigor, but in color it is a delicate blush at the centre, growing lighter and lighter until along the edges it is almost a pure white. An exquisite variety. 30 cts. each.

### New Hybrid Tea, MME. CAROLINE TESTOUT.

Another charming Novelty in a strong growing Hybrid Tea. The bloom is large and double; color bright satiny pink, with rosy centre. Odorous, and quite free-flowering. Petals very large and heavy, and beautifully rounded. A first-rate variety for forcing, of the La France type. Color, habit and foliage all first-class. 50 cents each.

### New Tea, MME. ELIE LAMBERT.

Extremely free in bloom and vigorous in growth; the flower is globular and cup-shaped; the outer petals are purest white, while the centre is a beautiful rosy flesh color. Comes very highly recommended, the texture and color being especially admired. 50 cents each.

### New Tea, JOSEPH METRAL.

A strong, healthy grower. Flowers unusually large, and of good form. Color magenta red, passing to cerise red, shaded with purple. 30 cts. each.

### New Tea, SOUV. DE MME. SABLAYROLLES.

Flower of beautiful globular form, large and double; color, rosy apricot, shaded yellow, edged carmine. A vigorous seedling from Devoniensis. 50 cents each.

### New Hardy Everblooming, MRS. DEGRAU.

A remarkably free flowering, perfectly hardy rose, of a rich glossy pink color, delightfully fragrant, a strong vigorous grower, a variety that is unequalled for the garden. 30 cts. each.

### New Tea, "RAINBOW."

This remarkable variety originated in California, and is possessed of unusual merit as to color, form, substance and its variegation, the latter being very distinct. In freedom of bloom it surpasses Papa Gontier, from which it is a sport, having the same erect habit of growth. The color of the flower is of a lovely pink, blotched and streaked with darkest crimson. The base of the petals is of a rich amber. It is a very distinct and handsome Rose. 30 cents each.

### New Tea, SAPPHO.

Buds fawn color suffused with rose, the opening flowers shaded with yellow and tawny buff, centres deep bright yellow, large and full, globular. This very distinct and handsome Rose is of vigorous growth, good habit, and is exceedingly hardy; it produces its blooms with extraordinary profusion even for a Tea-Rose; the petals are large and of great substance, and we know of no variety that holds its flowers so long in good condition, both on the plant and when cut. 30 cents each.

### New Tea, MME. PIERRE GUILLOT.

One of the most beautiful additions of later years to the forcing Teas; large, beautiful Mermet-like buds, that are cream color shading to a yellow base; edges of all the petals bright rose color. The form of buds is extra fine and flowers are freely produced. 30 cents each.

### New Tea, SOUV. DE LADY ASHBURTON.

A strong vigorous Tea, that is very floriferous; flower of grand size and quite double; very changeable in color, showing a great variety of shades—red, salmon, yellow, scarlet, sometimes combined, and again as self. 50 cents each.



SAPPHO.



CLIMBING PERLE DES JARDINS.

## TEA ROSES. GENERAL COLLECTION.

The tea-scented, ever-blooming Roses are admired for their delicious fragrance, free-blooming qualities, and the exquisite shapes and coloring of their flowers. They make excellent bedders, and yield a succession of bloom through the entire season.

First size 30 cts. each; \$3.00 per doz.; set of 36 for \$7.50.

**Bon Silene.** Brilliant carmine rose; a well-known and favorite variety.

**Catherine Mermet.** Bright flesh color, full and beautiful; one of the most lovely of its color.

**Countess de la Barthe, or Duchess de Brabant.** One of the most valuable bedding varieties, of a beautiful silvery pink color; very fragrant.

**Countess Riza du Parc.** A grand rose of strong, vigorous growth, color bright coppery rose, shaded violet crimson.

**Chas. Rovolli.** Beautiful tender rose, with deeper centre, large and double; a free and continuous bloomer.

**Coquette de Lyon.** A good growing variety and very free flowering. A fine yellow rose. Called the yellow Hermosa from its free flowering habit.

**Devoniensis.** Pale yellow, large and full.

**Etoile du Lyon.** Fine striking sulphur yellow, deeper in the centre, beautiful open bloom; the most valuable yellow rose for summer bedding.

**Homere.** Tender rose with salmon centre; a most desirable out-door sort.

**Louis Richard.** Orange yellow, shaded with coppery red; a fine large double flower; quite hardy.

**Mme. Camille.** Fine light rose, large globular flowers; full and double.

**Mme. Etienne.** Rosy pink, shading off to a light pink.

**Mme. de Watteville.** Creamy white, each petal bordered light rose like a tulip, a lovely color and shape.

**Mme. Dubrocca.** A splendid rose; extra large full flowers, and finely formed buds; color clear salmon delicately tinged and shaded with carmine.

**Mme. Cusin.** Flowers of medium size, of a rosy purple color, base of petals and centre of flower almost white, one of the prettiest roses grown.

**Mme. Scipion Cochet.** Color a soft primrose yellow, with rose shadings; deliciously fragrant, very unique in the size and shape of its buds.

**Mme. Hoste.** Creamy yellow, with deep buff yellow centre, large and full. See Roses of special merit.

**Mme. Joseph Schwartz.** Light salmon rose, changing when fully expanded to creamy white; one of the most valuable summer flowering varieties.

## ROSES.

### New Varieties—Continued.

#### New Tea, SOUV. D'F. GAULAIN.

The color varies from magenta to silvery violet or crimson; a nice habited grower, with large double flowers. 30 cts. each.

#### New Hybrid Tea,

#### TRIUMPH DE PERNET PERE.

Of strong constitution and fine habit; flower large, double and of heavy texture; bud long and nicely pointed; free in bloom; a fine rose. 50 cents each.

#### New Tea, WABAN.

This valuable rose is a sport from Catherine Mermet, and identical with that variety in every characteristic excepting color, which is a rich deep bright pink. 30 cts. each; extra strong 40 cts.

#### New Tea,

#### CLIMBING PERLE DES JARDINS.

A sport from the well-known *Perle des Jardins*, retaining all the characteristics of that popular variety, except that it is of a strong climbing habit. For the south this will be an especially valuable variety, being hardy there, while for a pillar-Rose in the conservatory it is particularly desirable. 50 cents each.

#### New Tea, CLIMBING NIPHETOS.

A sport from Niphetos, retaining all the characteristics of the parent variety, except that it is of a strong climbing habit, frequently sending out shoots that attain a length of 20 feet. 50 cents each.



NEW TEA, WABAN.



MME. DE WATTEVILLE.

## HYBRID PERPETUAL ROSES.

In the list offered we believe that the range of color comprises all the distinct and really valuable shades. Many sorts have been left out, not because they are of no value in themselves, but that the sorts listed are superior in size, hardiness, vigor, productiveness or some other characteristic that is necessary to make a good rose.

**Alfred Colomb.** A splendid rose; large, globular, full and very sweet; bright clear cherry red, shaded with crimson.

**Alfred K. Williams.** Carmine red, changing to magenta. See Roses of special merit.

**American Beauty.** An excellent rose for forcing. The flowers are very double, of a deep crimson color, and very fragrant.

**Anna de Diesbach.** Clear bright carmine; very large and finely shaped, full and fragrant.

**Antoine Moutton.** Bright clear rose, large and full.

**Baron de Bonstettin.** Dark red, almost black; very large, double, fragrant flowers; a strong grower.

**Baroness Rothschild.** A magnificent rose; color rich satiny pink. See Roses of special merit.

**Beauty of Waltham.** Cherry carmine, cupped, large and full.

**Boule de Neige** (*Ball of Snow*). A pure white rose of good substance, of fine form and medium size.

**Camille Bernardin.** Deep red; free and fragrant.

**Captain Christy.** A lovely rose, blooming almost the entire season; very large double buds of a deep flesh color; strong grower and grand foliage.

**Chas. Lefebvre.** Bright velvety scarlet, petals smooth and thick; beautifully formed.

**Countess of Oxford.** Bright carmine red; shaded. A large and full rose.

**Couquette des Alps.** White, full, of fine form; very free.

**Duke of Albany.** Vivid crimson when first opening, changing to a velvety black; large and full; a good autumnal bloomer.

## TEA ROSES—Continued.

**Marie Guillot.** White, slightly tinted with lemon, very large, finely-shaped flowers; a valuable rose.

**Marie Van Houtte.** Creamy white, occasionally tipped with rose, one of the very best summer bedding roses.

**Meteor.** A rich dark velvety crimson hybrid tea; a free bloomer and vigorous grower, showing no tendency to mildew. It does not run single, and will be found valuable as a garden rose for the summer.

**Mlle C. Perreau.** A most valuable summer rose of bright silvery rose color; vigorous and productive.

**Niphotos.** Pure white, full, fragrant, magnolia-like petals; a general favorite.

**Papa Gontier.** Exceedingly free-flowering; one of the finest roses either for out-of doors or for winter forcing. The blooms are large and long, and of a dark carmine crimson.

**Perle des Jardins.** Beautiful rich yellow, of large size and perfect form.

**Princess Sagan.** Bright crimson velvet, shaded with scarlet.

**Safrano.** Saffron yellow, beautiful in the bud; a well-known favorite.

**Souv. Victor Hugo.** Bright China rose, with copper-yellow centre; outer petals suffused with carmine. A beautiful combination of coloring.

**Souvenir d'un Ami.** Fine delicate rose, shaded with salmon; very large, full and double, exquisitely fragrant; a vigorous grower and free bloomer, a rose that should be in every collection.

**Souvenir de Wootton.** Of a bright crimson color, and very fragrant. See Roses of special merit.

**Sunset.** Of large size and perfect shape; it is of a rich shade of saffron and orange.

**The Bride.** A lovely pure white rose of the Mermet type; it is very full and double, free-flowering and excellent either for forcing or for summer planting.

**Vallee de Chamounix.** White, with copper-colored centre; reverse of petals yellowish white.

**Wm. Francis Bennett.** An admirable forcing rose; its rich, glowing crimson color and charming fragrance, combined with large size and correct shape, have rendered it a general favorite.



ALFRED K. WILLIAMS.



**HYBRID PERPETUAL ROSES—Continued.**

DUNSMORE.

**Dunsmore.** Rich crimson. See Roses of special merit.  
**Duke of Albany.** Vivid crimson when first opening, changing to a velvety black; large and full; a good autumnal bloomer.

**Duchess of Albany.** Rich deep pink. See Roses of special merit.

**Duchess of Bedford.** Dazzling light scarlet crimson, perfectly globular and of large size.

**Duke of Edinburgh.** Brilliant scarlet crimson, shaded with maroon, large and full, one of the best.

**Earl of Dufferin.** Velvety crimson, shaded with maroon, large, full, finely formed.

**Eugene Appert.** Scarlet and crimson shaded, a splendid color, fine foliage, a free bloomer.

**Eugene Furst.** Velvety crimson, shaded with deep crimson; large and full, of good shape; a fine rose.

**Fisher Holmes.** Rich velvety crimson, large double, and of fine form; a splendid rose.

**Francois Levet.** Bright carmine rose, very free.

**General Jacqueminot.** Brilliant scarlet crimson. See Roses of special merit.

**General Washington.** Very double crimson.

**Gloire de Margottin.** Dazzling scarlet. See Roses of special merit.

**Jean Liabaud.** Rich velvety crimson, reflexed with dark carmine.

**John Hopper.** Bright rose, carmine centre; flowers large, cupped, and well formed.

**Jules Margottin.** Bright carmine, cupped; very fragrant; a splendid variety.

**La France.** Splendid satin rose; very large, full, fine form; a constant bloomer. See Roses of special merit.

**Louis Van Houtte.** Bright crimson, shaded black.

**Mabel Morrison.** Pure white; in autumn faintly flushed with pink; a lovely and distinct rose.

**Mme. Gabriel Luizet.** Fine satiny rose, very large and full. See Roses of special merit.

**Mme. Eugene Verdier.** Silvery rose, large, full, and globular; very fine. See Roses of special merit.

**Mme. Victor Verdier.** Rich bright cherry, large, full cupped and of fine form; superb; a most effective rose.

**Mme. Chas. Wood.** Vivid crimson, large and full.

**Mme. Marie Finger.** Bright flesh-colored rose, deeper in the centre.

**Magna Charta.** Bright pink, suffused with carmine; a beautiful rose; strong, vigorous grower.

**Maria Bauman.** Brilliant carmine crimson, large and fragrant.



GENERAL JACQUEMINOT.

**Marie Rady.** Splendid crimson scarlet.

**Merveille de Lyon.** Pure white, shaded with satiny rose. See Roses of special merit.

**Mons. Boucenne.** Dark velvety crimson, large, full and of fine form.

**Mrs. John Laing.** Delicate pink, with satin tinge. See Roses of special merit.

**Paul Neyron.** Very large dark rose; by far the largest rose in cultivation; one of the most desirable.

**Perle des Blanches.** Pure white, vigorous and free; blooms in clusters.

**Prince Camille de Rohan.** Deep velvety crimson maroon, shaded with red.

**Paonia.** Clear bright rose.

**Queen of Queens.** Pink with blush edges; large and full blooms; a true perpetual flowering rose. An excellent garden variety.

**Rosieriste Jacob.** Bright velvety red, shaded with blackish crimson; large, full, fine globular form, freely produced.

**Star of Waltham.** Rich deep crimson, large and double.

**Ulrich Brunner.** Bright cerise red; flowers large and full. See Roses of special merit.

**Victor Verdier.** Rosy carmine, purplish edges; a large showy free-blooming rose, of good quality.

**White Baroness.** Pure white; a splendid bloomer.

**Xavier Olibo.** Dark velvety purple, shaded amaranth.

First size, 40 cts.; \$4.00 per doz.; set of 55 varieties, \$15.00.

Second " 30 " 3.00 " " " 55 " 12.00.

Third " 20 " 2.00 " " " 55 " 9.00.

**DAMASK ROSES.**

These four old roses should be in every garden. Though they bloom but once a year, their fragrance, beauty, size, perfect hardiness, and the abundance of flowers they produce make them indispensable.

**Cabbage, or Provence.** Rosy pink flowers, large and full, very sweet. 50 cts. each.

**Madame Hardy.** A strong and vigorous Damask Rose, bearing beautiful large double white flowers. 50 cts. each.

**Madame Plantier.** A Hybrid China, which for hedges or cemetery use is still unrivalled. Pure white and a free bloomer. 25 to 50 cts. each.

**White Provence.** A lovely pure white, large and full rose; delightfully fragrant. 50 cts. each; \$5.00 per dozen.

## TWELVE SELECT SUMMER ROSES.

The growing demand for large ever-blooming Roses for summer-flowering has induced us to prepare a set of twelve of the most suitable varieties in **large plants** especially for this purpose. These plants have been grown with special care, are of good size, and embrace only the best summer-flowering varieties. They will prove invaluable in any garden, both for display and for cutting purposes, and are hardy with protection. The following varieties are included in this set. For description see General List.

**Agrippina, or Queen Scarlet,**  
**Clothilde Soupert** (*Polyantha*),  
**Countess de la Barthe,**  
**Etoile de Lyon,**

**Hermosa,**  
**La France,**  
**Meteor,**  
**Marie Guillot,**

**Marie Van Houtte,**  
**Mme. Jos. Schwartz,**  
**Mme. Agatha Nabouand,**  
**Couquette de Lyon.**

Selected plants, 50 cents each. The set of 12 varieties for \$5.00.  
First size plants, 40 " " " " " " 4.00.

## TWELVE SELECT HARDY GARDEN ROSES.

The following selection of Hybrid Roses can be especially recommended for general out-door planting; the most popular varieties are included, and the selection has been made with a view of giving range of color, vigor of habit, freedom of bloom, size of flower and fragrance. For descriptions see General List of H. P. Roses.

**Anna de Diesbach,**  
**Baroness Rothschild,**  
**General Jacqueminot,**  
**Magna Charta.**

**Mme. Gabriel Luizet,**  
**Mme. Victor Verdier,**  
**Mons. Boncenne,**  
**Paul Neyron,**

**Prince Camille de Rohan,**  
**Queen of Queens,**  
**Ulrich Brunner,**  
**White Baroness.**

Selected plants, 50 cents each. The set of 12 varieties for \$5.00.  
First size plants, 40 " " " " " " 4.00.

## ROSES OF SPECIAL MERIT.

### ALFRED K. WILLIAMS (Hybrid Perpetual).

Carmine-red changing to magenta, large, full, and imbricated; a full and continuous bloomer; one of the best of its class.

Selected plants, 50 cts. each; \$5.00 per doz.  
First size " 40 " " 4.00 " "

### BARONESS ROTHSCHILD (Hybrid Perpetual).

A most magnificent hardy rose; flowers about 5 inches in diameter and of an exquisite shade of satiny pink. The heavy foliage comes close up to the back of the flower, forming an effective background of green, thus giving the effect of a lovely bouquet rather than a single flower.

Selected plants, 50 cts. each; \$5.00 per doz.  
First size " 40 " " 4.00 " "

**DINSMORE.** A vigorous and free-blooming rose, perfectly hardy and bearing profusely large perfectly double flowers of a rich scarlet-crimson color. It is an incessant bloomer, and a rose that will meet the wants of all rose fanciers. 50 cts. each.

**DUCHESS OF ALBANY (Hybrid Tea).** This variety is identical with the well-known and popular La France, except that its color is a rich, deep, even pink throughout. The growth of the plant is vigorous, the habit good, and the flowers, which are thrown up well above the foliage, are produced very freely. An excellent Rose either for forcing for cut flowers or for the garden.

First size, 40 cts. each; \$4.00 per doz.  
Second " 30 " " 3.00 " "

### GLOIRE DE MARGOTTIN (Hybrid Perpetual).

Dazzling red, the most brilliant yet known; large, full, finely formed globular flowers; growth very vigorous, one of the most distinct hardy garden roses in cultivation, and can be specially recommended for its vigor of growth, freedom of blooming and hardiness; fine strong plants. \$1.00 each.

### GEN. JACQUEMINOT (Hybrid Perpetual).

We offer an extra fine stock of this most popular of all the hardy roses; its exquisite shape, delightful fragrance and bright rich glowing crimson color, together with its freedom of flowering, still places this in the front rank among the hardy roses.

Extra strong plants, 75 cts. each; \$9.00 per doz.  
First size " 50 " " 5.00 " "  
Second " " 30 " " 3.00 " "

**LA FRANCE (Hybrid Tea).** Probably the most popular pink rose of its class in cultivation; color beautiful satin rose, very large, full, fine in form either in bud or open; a constant bloomer and the sweetest of all roses.

Selected plants, 50 cts. each; \$5.00 per doz.  
First size " 40 " " 4.00 " "  
Second " " 30 " " 3.00 " "



MME. GABRIEL LUIZET.

### MME. GABRIEL LUIZET (Hybrid Perpetual).

One of the finest light colored roses in cultivation; it is of a soft silvery pink color of a most beautiful tint, flowers large and full, cupped and very sweet.

Selected plants, 50 cts. each; \$5.00 per doz.  
First size " 40 " " 4.00 " "

### MME. EUGENE VERDIER (Hybrid Perpetual).

Bright flesh-colored rose, the reverse of the petals silvery-white, very large and full, a robust healthy grower; one of the best.

Selected plants, 50 cts. each; \$5.00 per doz.  
First size " 40 " " 4.00 " "

### MME. VICTOR VERDIER (Hybrid Perpetual).

Rich, bright cherry color, large, full, and of fine form, cupped, superb, a strong vigorous grower and free bloomer, one of the most effective.

Selected plants, 50 cts. each; \$5.00 per doz.  
First size " 40 " " 4.00 " "

**ROSES OF SPECIAL MERIT—Continued.**

**MME. HOSTE.** Another grand Tea rose, and a variety that will certainly become one of the standard sorts for forcing; in color it is of a whitish yellow, with deep buff yellow centre, large and full.

Selected plants, 50 cts. each; \$5.00 per doz.

First size " 30 " " 3.00 " "

**MERVELLE DE LYON (Hybrid Perpetual).**

A pure white hardy rose of the same class as Baroness Rothschild. The flowers are immense in size, symmetrical in form and very double. The beautiful heavy foliage comes close up to the flower, making every shoot a bouquet.

Selected plants, 50 cts. each; \$5.00 per doz.

First size " 40 " " 4.00 " "

**MRS. JOHN LAING.** One of the most perfect Hybrid Perpetual roses in cultivation, beautiful in color, free in flowering, a vigorous grower, of elegant shape and very fragrant; color of a soft delicate pink with a satin tinge; the flowers are large, finely shaped and of exquisite fragrance.

Selected plants, 50 cts. each; \$5.00 per doz.

First size " 40 " " 4.00 " "

**QUEEN OF QUEENS (Hybrid Perpetual).** A strong vigorous-growing garden rose, with large full flowers of perfect form and true perpetual flowering, every shoot being crowned with a flower bud; color bright pink with blush edges.

Selected plants, 50 cts. each; \$5.00 per doz.

First size " 40 " " 4.00 " "

**SOUVENIR DE WOOTTON.** This is probably the most vigorous growing and freest flowering Hybrid Tea rose in cultivation; it is of a bright crimson color somewhat resembling "Am. Beauty," and as fragrant as La France.

Selected plants, 50 cts. each; \$5.00 per doz.

First size " 30 " " 3.00 " "

**SOUVENIR DE LA MALMAISON.** This variety when used as a bedding rose in summer produces the most perfect flowers in the hottest weather. Its rich, flesh-colored flowers are of immense size.

Selected plants, 50 cts. each; \$4.00 per doz.

First size " 30 " " 3.00 " "

**ULRICH BRUNNER (Hybrid Perpetual).** A splendid rose, either for the garden or forcing. It is of a rich glowing crimson-scarlet color, produces flowers of exquisite shape; it is a strong vigorous grower and free continuous bloomer.

Selected plants, 50 cts. each; \$5.00 per doz.

First size " 40 " " 4.00 " "

Second " " 30 " " 3.00 " "

**MARECHAL NIEL.** We offer a fine stock of this superior climbing rose, which for fragrance, beauty and size is still without a rival. The bright golden-yellow flowers of this variety are familiar to every one. Where it will withstand the winter, it should certainly be planted.

Extra strong canes, 8 to 10 ft. long, \$2.50 each.

First size, strong budded plants, 75 cts. each.

Second size, strong plants, 3 ft. long, 50 cts. each.

Third size, strong plants, 2 ft. long, 30 cts. each.

**POLYANTHA, FAIRY OR MINIATURE ROSES.**

CLOTHILDE SOUPERT (POLYANTHA).

An entirely distinct type of Roses which bears its small and beautifully shaped flowers in clusters of 20 to 30 on each branch. The plants when well grown present a mass of bloom, and are excellent for summer bedding or winter pot-culture.

**Clothilde Soupert.** The flowers of this very beautiful new variety are unusually large. They are of a pearl white, shaded at the centre with silvery rose, and are produced in the greatest profusion. It makes a fine plant either for pot culture or for outdoor planting.

**Etoile D'Or.** A beautiful new Polyantha, with miniature buds as perfectly formed as any of our larger roses. The flower is elegantly perfumed. Color, chrome yellow.

**George Pernet.** A strong growing dwarf variety, continually in bloom, the flowers being quite large for this class; the color is bright rose with touches of yellow.

**Little Pet.** Flowers about 1½ inches in diameter, opening blush, but changing to pure white; a free, vigorous grower and abundant bloomer; one of the very best of this class.

**Mignonette.** Very prolific, blooming incessantly in flat corymbs; color blush-white, shading to rosy pink.

**Mme. Parquerette.** Very dwarf and free branching, pure white.

**Miniature.** About the size of a double violet; very fragrant and of pure white color.

**Perle D'Or.** Peculiar and pleasing shade of reddish salmon; very free-flowering.

1st size, 30c. each; set of 8, \$2.00.

2d " 15 " " " 8, 1.00

## TENDER CLIMBING OR PILLAR ROSES.

The varieties enumerated below are not hardy in this latitude except in favored positions, or with careful protection; they are all especially adapted to covering rafters and posts in greenhouses.

**Chromatella** (*Cloth of Gold*). Golden yellow.

**Climbing Devonensis**. Creamy white, of lovely form.

**Gloire de Dijon**. Blush and yellow; an old favorite. 20 cts. to \$1.50 each.

**Lamarque**. Creamy white.

**Reine Marie Henriette**. Rich cherry crimson, finely shaped buds.

**Marechal Niel**. Bright golden yellow; large and fine form, with thick leathery petals, very fragrant. 30 cts., 50 cts., 75 cts. and \$1.00 each.

**Solfatere**. Fine shade of yellow.

**White Banksia**. White small flowers; very fragrant.

**Yellow Banksia**. Yellow small flowers; very fragrant.

First size, 40 cts. each; \$4.00 per doz.; set of 9, \$3.00.

Second " 30 " " 3 00 " " " 9, 2.25.

Third " 20 " " 2 00 " " " 9, 1.50.

## HARDY CLIMBING OR PILLAR ROSES.

The following list comprises the best of the hardy roses which are of climbing habit, and suitable for training on pillars, verandas, etc.

**Baltimore Belle**. Blush, of medium size, flowers in clusters.

**Gen of the Prairies**. Rich rose color, very fragrant.

**Gloire de Rosamenc**. Bright crimson, semi-double handsome buds.

**Grevillea, or Seven Sisters**. Flowers in clusters, opening at first of a light rose color, changing to pure white.

**Prairie Queen**. Deep rose, hardy and desirable.

**Setina, or Climbing Hermosa**. Bright pink, very free blooming.

**Sweet Briar**. Rosy pink.

**Waltham Climber**. No. 1. Bright crimson. The three Waltham climbers are entitled to the claim of being autumnal flowering.

**Waltham Climber**. No. 2. Rosy crimson, fragrant.

**Waltham Climber**. No. 3. Dark crimson.

**Washington**. Pure white, very free.

**W. A. Richardson**. Orange yellow, an entirely new shade in roses; very desirable.

**White Microphylla**. Small white flowers in clusters.

**White Musk Cluster**. Pure white; very fragrant.

**Yellow Persian**. Bright golden yellow, the only hardy yellow climbing rose in cultivation.



CLIMBING ROSES.

First size, 40 cts. each; \$4.00 per dozen. Second size, 30 cts. each; \$3.00 per dozen. Third size, 20 cts. each; \$2.00 per dozen.

## HARDY EVER-BLOOMING ROSES.

The brilliant colors and hardy habits of this class, combined with freedom of blooming, render them specially valuable for massing. They are also desirable for growing in the house. A slight protection of leaves or straw will enable them to stand the severest weather.

**Appoline**. Full and fragrant, a strong grower, of a deep pink color.

**Agrippina** (*Queen's Scarlet*). Deep scarlet crimson.

**Cels**. Beautiful blush.

**Hermosa**. Light pink; very free-blooming.

**Marie Lambert**. Pure white, of fair size, and very free, equalling Hermosa in freedom of bloom.

**Souvenir de la Malmaison**. Blush, very large, double and fragrant; a leading summer variety.

First size, 50 cts. each; set of 6 for \$2.00.

Second " 30 " " " " 6 " 1.50.

Third " 15 " " " " 6 " .75.

## MOSS ROSES.

A class of Roses which are much admired. The beauty of the flowers consists in the delicate mossy covering which surrounds the bud, and which gives to the opening flower a unique appearance. The varieties listed comprise the best of this section, and are all perfectly hardy.

**Blanche Moreau**. Lovely pure white, large and full.

**Comtesse de Murinais**. Large white, beautifully mossed.

**Gloire de Mosses**. Blush, very large and full.

**Princess Adelaide**. Bright rosy pink; large.

**William Lobb**. Purplish violet.

Strong plants 40 cts. each; set of 5 for \$1.75.



## ROSA RUGOSA.

The lovely Ramana or Rugosa Roses receive in their native country, Japan, the highest favor. From them was made a fa-

vorite perfume of the court ladies. They form sturdy bushes 3 to 5 feet in height, covered with handsome, glossy green foliage, surmounted with clusters of beautiful single flowers, which emit a delightful odor. They continue to bloom nearly the whole summer, and are covered during autumn and winter with bright red seed pods (heps). In dry and sandy soils or rough situations they thrive and blossom and make beautiful what would otherwise be an annoyance.

**Rosa Rugosa**. Beautiful glossy crimson.

— **Rugosa Alba**. Pure white.

Extra strong plants 40 cts. each; \$4.00 per dozen.





SOLANUM JASMINOIDES GRANDIFLORA.

**TORENIA ASIATICA.**

An exquisite plant, bearing a profusion of porcelain blue flowers, tipped with rich violet purple; it succeeds out of doors in the summer season. 15 cents each; \$1.50 per dozen.

**SOLANUM JASMINOIDES GRANDIFLORA.**

A beautiful new plant, which inclines to a trailing or climbing habit, but never attains a greater height than 3 to 5 feet, and can be pinched back to a bush form. Its flowers are star-shaped, like a Clematis, and borne in enormous panicles or clusters, often a foot across. In color they are pure white, with a violet tinge on back of petals, and on the buds. In pots it is a fine bloomer both summer and winter; but its grandeur for out-door culture when trained against a wall or trellis, and showing hundreds of these magnificent panicles of bloom, cannot be described. It is a free and constant bloomer, commencing when only a foot high, and like the Manettia, its flowers keep perfect a long time before fading. No more beautiful object can be seen than these two vines growing side by side and mingling their profusion of bloom. Strong plants, 25 cents each; 5 for \$1 00.

**STEPHANOTIS FLORIBUNDA.**

One of the most charming hot-house climbers, growing rapidly, with long glossy, deep green foliage, and producing clusters of pure white flowers, deliciously fragrant. \$1.00 each.

**SMILAX.**

(Myrsiphyllum Asparagoides.)

A climbing plant, unsurpassed in the graceful beauty of its foliage; its peculiar wavy formation renders it one of the most valuable plants for bouquets, wreaths, festoons and decorations. Can be easily grown in the house.

15 cents each; \$1.50 per dozen.

**Tabernæmontana Camassa.**

Greenhouse shrub, neat and compact, resembling the Gardenia in growth and fragrance; pure white double flowers, fine for cut-flower work.

50 cents each.



STEPHANOTIS FLORIBUNDA.

**TIGRIDIA.**

(Shell Flower.)

Curious and beautiful summer flowering bulbs, producing large, gorgeous flowers exquisitely spotted, flowering from July to October. The bulbs can be planted about the middle of May, and taken up in October and kept over winter in dry sand.

**Conchiflora.** Orange, with crimson spots.

5 cts. each; 50 cts. per dozen; \$4.00 per 100.

**Pavonia Grandiflora.** Red, with yellow spots.

5 cts. each; 50 cts. per dozen; \$4.00 per 100.

**Grandiflora Alba.** Large ivory-white flowers, spotted with maroon and rosy lake in centre.

8 cts. each; 75 cts. per dozen.

**Tuberoses.**

One of the most delightfully fragrant and beautiful of the summer-flowering bulbs, throwing up tall spikes of double white flowers 3 feet high, which remain in bloom a long period. By skilful management a succession of flowers may be obtained all the year round. For early flowers they can be started in February or March, in the greenhouse or hot-bed; and for a succession they can be planted at intervals as late as August. For flowering in the open border plant about the first of May.

**Dwarf Pearl,** 5 cts. each, 50 cts. per dozen (by mail)

**Tall Double,** 65 cts., \$3.00 per 100.

**Variegated Leaved,** Leaves striped with light yellow, very showy when planted in masses; flowers single.

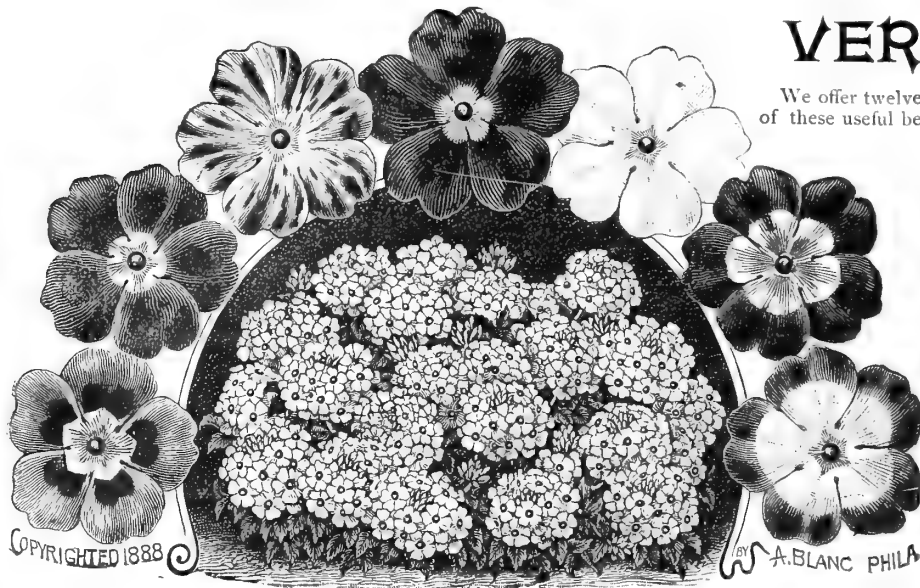
15 cts. each; \$1.50 per dozen.

# VERBENAS.

We offer twelve of the most distinct varieties of these useful bedding plants. All are of the mammoth or large-flowered type, which we have been selecting and improving for several years past; the colors range through all the different shades of scarlet, purple, crimson, pink, blue, white, etc. 10 cts. each; \$1.00 per doz.; \$6.00 per 100.

## VINCA MAJOR VARIEGATA.

One of the very best vase plants. Leaves glossy green, broadly margined creamy white. Blue flowers. 15 cts. each; \$1.50 per doz.



## VIOLETS.

**Marie Louise.** Deep violet blue; very fragrant.  
**Miss Cleveland.** Single deep blue.  
**Queen Victoria.** Large single, blue, very fragrant.  
**Swanley White.** Large double, pure white.  
**Schoenbrun.** Single, deep blue; very fragrant.  
 15 cents each; \$1.50 per dozen.

**Echeveria secunda glauca.** 15 cts. each; \$1.50 per doz.  
**Gardenia Florida** (*Cape Jasmine*). 25 cts.  
**Gazania splendens.** 15 cts. each; \$1.50 per doz.  
**Lemon Verbena.** 15 cts. each; \$1.50 per dozen.  
**Lobelias.** Blue and white. 10 cts. each; \$1.00 per doz.  
**Othonna Crassifolia.** 15 cts. each; \$1.50 per doz.  
**Oxalis.** Rose and white. 10 cts. each; \$1.00 per doz.  
**Stevia serrata variegata.** 10 cts. each; \$1.00 per doz.

## FOREIGN GRAPE VINES.

Mr. John G. Gardner of Jobstown, N. J., one of the most successful growers of foreign grape vines and other fruits for forcing under glass, favors us with his experience in the following words:

After twenty-five years' experience in planting foreign Grape Vines under glass for hot and cool graperies, I find the following way the most successful:

Secure healthy one-year-old vines, and early in April place them in boxes in a temperature of not less than forty-five degrees, placing the boxes well in the light not more than two feet from the glass. The boxes should be of light wood and tacked together with as few nails as possible; a size 16-inch square and 9-inch deep will answer. Leave one inch space in nailing on bottom strips for drainage, then fill the boxes two-thirds full with chopped up turf and well-rotted manure. If the vines have been grown in pots, shake off all soil and straighten out the roots with the hands and place in the boxes, cover with three inches of soil and water well. By the middle of June the vines should have made a growth of 4 to 5 feet, and the boxes be well filled with healthy roots, and ready to plant in permanent borders prepared for them.

Have holes dug the shape of the boxes, and with a chisel wrench apart the boxes and remove the strips of wood, taking care not to damage the roots, and keep the soil intact. Keep the stems of the vines as near the surface of the border as they have been in the boxes, and press the soil around firmly and give a good watering. By the 15th of September the vines should have grown 14 to 16 feet of good healthy growth.

Grape vines thrive best in stiff or clay loams, with good drainage. No water should be allowed to stand in the borders, but should pass through freely. Good grapes can be grown by digging in the borders a top dressing of turf or sod and manure chopped up every spring, and the borders kept hoed once a week, or a better plan is to cover the borders as soon as the grapes are set with a 3-inch mulching of manure. This mulching will keep the borders moist, and the roots will keep near the surface, and be under the control of the cultivator. This is the chief point in all fruit growing under glass—to have the feeding roots where they will feel the heat and can be fed at all times and seasons.

When planting vines in boxes, cut down to three eyes or buds, and when they shoot out select the healthiest and strongest shoots and remove all others.

## BLACK.

**Black Hamburg.** Flesh firm, juicy, and richly flavored, the most useful and popular Grape in cultivation.  
**Barbarossa.** Bunches very large, a valuable late Grape, requires heat to ripen properly.  
**Gros Colman.** A very handsome Grape, berries and bunches of enormous size, hangs very late.  
**Lady Downe's Seedling.** Flesh firm and sweet; one of the best late Grapes, and an excellent keeper.  
**Black Muscat, or Muscat Hamburg.** An excellent and richly flavored Grape.  
**Madresfield Court.** Berries very large, of a rich Muscat flavor; a superb Grape.  
**Royal Ascot.** An excellent variety.  
**Alnwick Seedling.** A late keeping Grape of first rate quality, large oval jet black berries.  
**Black Prince.** Good late Grape with rich aroma.

## WHITE AND YELLOW.

**Bowood Muscat.** A first-class variety.  
**Buckland Sweetwater.** A large, handsome berry and bunch, a good bearer, and excellent.  
**Chasselas de Fontainebleau.** Rich Muscat flavor.  
**Duchess of Buccleuch.** Very large berries and bunches, tender skin.  
**Foster's Seedling.** A fine Grape, sweet flavor.  
**Frontignan White.** Fine white Grape, abundant bearer.  
**Muscat of Alexandria.** Flesh firm and rich, berries large, a superb variety, requires heat to ripen it.  
**White Nice.** A good variety.  
**Canon Hall Muscat.** Large white.  
**Golden Hamburg.** A fine variety, handsome bunch.  
**Golden Queen.** Amber, large bunches.  
**Trebbiano.** White, large, late.  
**White Syrian.**

Strong 1 year old vines, \$1.00 each; \$10.00 per doz. Strong 2 year old vines, \$1.75 each; \$18.00 per doz.

Extra strong 2 year old vines of Black Hamburg and Gros Colman at \$2.50 each.

" " Fruiting " " " " " " " " 3.50 "

# NEW SEEDLING CARNATIONS.



GRACE DARLING.

## GRACE DARLING.

This is the finest pink Carnation yet introduced. In color it is a very delicate peach blossom, shading lighter at the margin of the petals and having that peculiar luminous effect in the centre of the flower which is the secret of beauty in a pink variety. The plant is a healthy, vigorous grower and a profuse and continuous bloomer. It has been awarded first premium and certificates of merit wherever exhibited. 30 cts. each; \$3.00 per dozen. (Ready in February.)

## CARNATION, AURORA.

A beautiful new pink variety, winner of the Ladenberg Cup at Madison Square Garden, New York, last November. A seedling of Century and Grace Wilder, bunching harmoniously with the latter and averaging larger. The plant is strong and handsome, coming quickly into bloom, and promises to be very profitable, a single plant tested last season having produced 190 flowers. 30 cents each; \$3.00 per dozen.

## CARNATION, PURITAN.

A new pure white variety, very full and of good substance, lasting, if well grown, a long time after being cut. Very fragrant and an early and continuous bloomer.

25 cts. each; \$2.00 per dozen.

## CARNATION, PEARL.

Another new white variety with very large flowers, frequently from 3 to 3½ inches across, occasionally tinted with rosy blush. A good bloomer, very full and crisp, with

rarely any tendency to burst; stems long and stiff. A flower that will command an extra price in the market. Awarded certificate of merit at New York Exhibitions. 25 cents each; \$2.50 per dozen.

## CARNATION, THOMAS CARTLEDGE.

A beautiful carmine, closely resembling La Purite in color. It is a vigorous grower, early to come in flower and extremely prolific; a decided acquisition. 30 cents each; \$3.00 per dozen.

## New Single Geranium, JEANNE D'ARC.

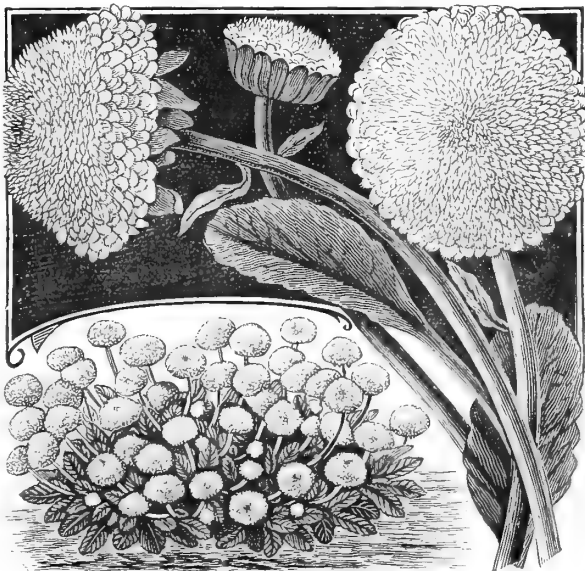
This novel variety is somewhat in the way of the popular Souvenir de Mirande, having the same peculiar arrangement of colors, except that all the different shades are much brighter and more distinct in outline. It is a strong growing, free flowering variety, which is destined to become a general favorite. 35 cents each; 3 for \$1.00.

## New Double White Daisy, SNOW CREST.

A most distinct variety and an improvement on all existing sorts. Its habit of growth and size of flowers, in comparison with older varieties, is gigantic. The flowers, which are borne on stout, stiff stems from 6 to 10 inches long, are of the purest white and full to the centre. When fully developed they rise to a conical or sugar-loaf form, and well-grown specimens will cover a silver dollar.

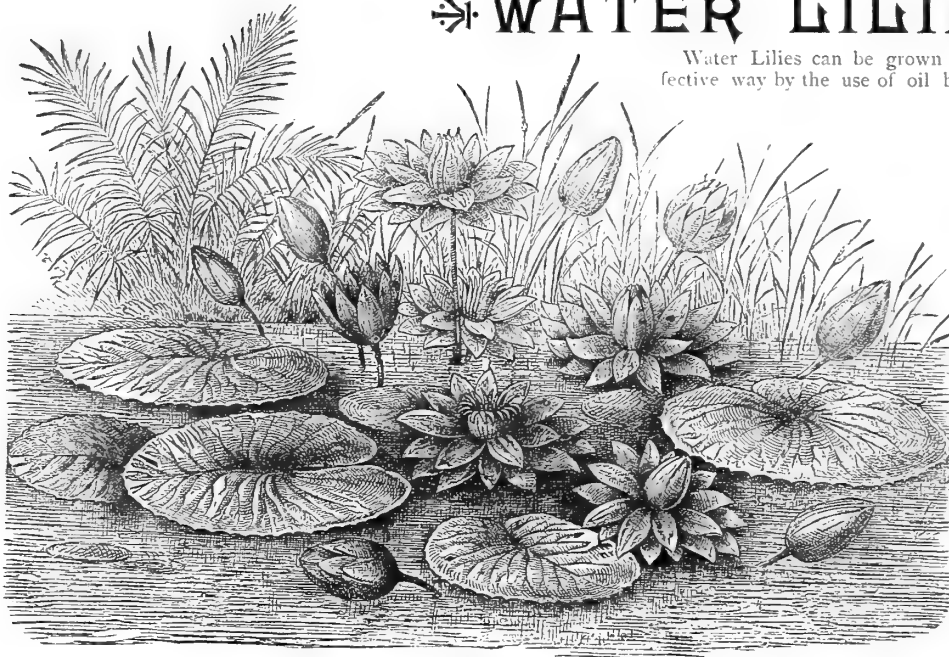
It makes an admirable hardy garden plant or may be forced for cut flowers under the same treatment as violets.

30 cents each; \$2.50 per dozen; 4 for \$1.00.



DOUBLE WHITE DAISY SNOW CREST.

# ✻ WATER LILIES. ✻



NYPHÆA DEVONIENSIS.

nure from rising to the top. If placed in groups the centre tub can be filled with *Nelumbium Speciosum*, and the surrounding ones with *Nymphæas* and other aquatic plants. The space between the tubs can be filled with good compost, and planted with Tuberous Begonias, Sedums, Palms, and other suitable plants, which will give a beautiful and tropical effect.

## NYMPHÆA.

### Tender Varieties.

These can be wintered in a cellar, if kept at a temperature of not less than 55 degrees; they should always be kept wet.

- Nymphæa Cœrulea.** This species is a native of Egypt. It has bright green leaves and lavender-blue flowers, about 4 inches in diameter; they are very fragrant, the perfume being entirely distinct from *N. Odorata*. It is easily cultivated in a tub or tank, or it may be planted in a pond where the water is still and warm and the mud is rich. \$2 each.
- **Dentata.** A white flowering species, with petals expanding horizontally, making them star-shaped. They have an agreeable perfume. The leaves are dark green with serrated edges. \$2.50 each.
- **Devoniensis.** This is the choicest Water Lily in cultivation. Under liberal treatment it produces flowers 10 to 12 inches in diameter, and leaves 2 feet across, the plant having a spread of 20 feet. If confined in pans, tubs, or boxes, the flowers are smaller, but otherwise just as fine; the color is a brilliant red, glowing by lamplight with indescribable brightness. \$2.50 each.
- **Rubra.** This species is a native of India, with flowers of a brilliant rosy red, stamens scarlet. The flowers are somewhat smaller than *N. Devoniensis*, measuring from 6 to 8 inches, and are a trifle more cup-shaped. The leaves are of a rich brown, and when they fade turn to a gold and crimson color, like autumn leaves. \$2.50 each.
- **Sturtevantii.** This variety has foliage of a beautiful bronzy color, sometimes almost crimson. Its flowers are very large, having a greater number of petals than *Nymphæa Devoniensis*, and a more graceful cup-shaped form. They are a beautiful rosy-red color. \$5 each.
- **Zanzibariensis Azurea.** The deepest colored and finest of all the blue Water Lilies; under good cultivation producing flowers 12 inches in diameter. \$2.50 each.
- **Zanzibariensis Rosea.** This is like *N. Zanzibariensis* in every respect, except that the flowers are of a deep rosy pink color. The outside of the sepals is of a lively green, forming a beautiful contrast with the rosy petals. \$2.50 each.

## NYMPHÆA.

### Hardy Varieties.

By speaking of Water Lilies as hardy, we do not mean that they will stand actual freezing, but that they will endure the winter when placed in water beyond the reach of frost.

- Nymphæa Alba Candidissima.** This is a large-flowered variety of the Water Lily of England; when naturalized in still water, with a very rich soil, it produces leaves 13 inches wide and flowers 6 inches in diameter, with very broad petals of a pure white color. \$3.00 each.
- **Alba.** The native Water Lily of England, similar to *Candidissima*, but with smaller flowers. \$1.00 each.
- **Flava.** This is a true Water Lily, with yellow flowers and a delicate perfume. Its leaves are beautifully variegated with brown. It is a very desirable variety either for pond, tub, or aquarium. 50 cts. each.
- **Odorata.** Our native Water Lily, flowers pure white and very fragrant; when grown in rich mud it will produce flowers 6 inches and leaves 13 inches across. 30 cts. each; \$3.00 per dozen.



NYPHÆA ODORATA



**NYMPHÆAS—Continued.**

**Nymphaea Odorata Minor.** A small-flowered variety of our native Water Lily, producing flowers of only  $1\frac{1}{2}$  to 2 inches in diameter. 40 cts. each; \$3.00 per dozen.

— **Odorata Minor** (*Variety*). This is a pretty variety of the small-flowered form of *Odorata*, with a distinct lining of bright rosy pink on the outer petals.

30 cts. each; \$3.00 per dozen.

— **Odorata Rosea** (*Cape Cod Water Lily*). This is the famous pink Water Lily of Cape Cod, and is a grand acquisition to our list of hardy Lilies. It possesses all the desirable qualities of the white-flowered species, hardiness, freedom of bloom and delicious fragrance, with the added charm of a deep pink color. \$2.00 each; \$18.00 per doz.

— **Mariacea Chromatella.** A new variety with fragrant flowers as large as *N. Odorata*, having broad petals of a beautiful yellow color. The habit of the plant is like *N. Candidissima*, a robust grower, flowering freely the entire season. Perfectly hardy. \$2.50 each.



NELUMBUM SPECIOSUM.

## Nelumbium.

These wonderful plants, though mostly coming from tropical and semi-tropical regions, have proven to be entirely hardy in this country, enduring any degree of cold short of actual freezing. They may be grown and flowered in a large tub, or in a cement basin sunk in the ground, where the water is 12 or 15 inches deep.

**Nelumbium Album Grandiflorum** (*White Lotus*). An exceedingly beautiful variety producing large bold flowers of a pure white color. \$5.00 each.

— **Nuciferum Album Striatum.** The flowers of this are white, the edge of each petal irregularly marked and splashed with crimson. \$6.00 each.

— **Nuciferum Roseum.** Flowers of a uniform deep rose pink color, much darker than *Speciosum*. \$3.00 each.

— **Speciosum.** This is the true Lotus of Egypt, and is one of the loveliest of the Water Lilies. The flowers when just expanding are of a beautiful rosy pink color; when open they are of a creamy white and pink, and are very fragrant—they open in the morning and close in the afternoon. It is a very interesting plant, and has been an immense success everywhere.

Strong roots, \$1.50 each.

Extra strong roots, \$3.00 each.

— **Luteum** (*American Lotus*). Though a native of this country, it is not common. There is scarcely any difference between this and *N. speciosum*, except in the color of the flowers, which are of a rich sulphur yellow. They are as large as a quart bowl, and have a strong fragrance, entirely unlike that of a *Nymphaea*. Still, warm water and very rich soil are the conditions for success with these noble plants. A large patch of them, with hundreds of flowers and buds, is a sight never to be forgotten.

Tubers, \$1.50 each.

## ❖ AQUATICS ❖

### CYPERUS ALTERNIFOLIUS.

An excellent plant for growing in water or damp places; will thrive in any good soil, and always presents a green and attractive appearance. 25 cts. each.

### JUNCUS ZEBRINUS.

This is a true rush, growing from  $1\frac{1}{2}$  to 3 feet high, producing leaves variegated in the same manner as a porcupine quill, with alternate bands of green and pure white. It may be grown as an aquatic, or as a garden or window plant. 30 cts. each.

### LIMNOCHARIS HUMBOLDTI.

A pretty little aquatic, with oval leaves, and yellow, poppy-like flowers, standing out of the water. It should be grown in partial shade. It is a good plant for growing in shallow water or an aquarium. 50 cts. each.

### MYRIOPHYLLUM

### PROSERPINACOIDES.

(Parrot's Feather.)

This novelty we offer on account of the exquisite beauty of its foliage. It prefers shallow water, sending its stems creeping along on the surface, forming a mass of lovely soft green color. The leaves are arranged in whorls along the stem, and are as finely divided as the most delicate fern. The ends of these creeping stems stand erect, forming beautiful tufts or tassels. The plant is hardy if the stems lie in deep water. It can be easily kept in a pan or tub, placed in a cool greenhouse, where it forms a very pretty object in winter. 25 cents each.

### LIMNANTHEMUM

### NYMPHÆOIDES.

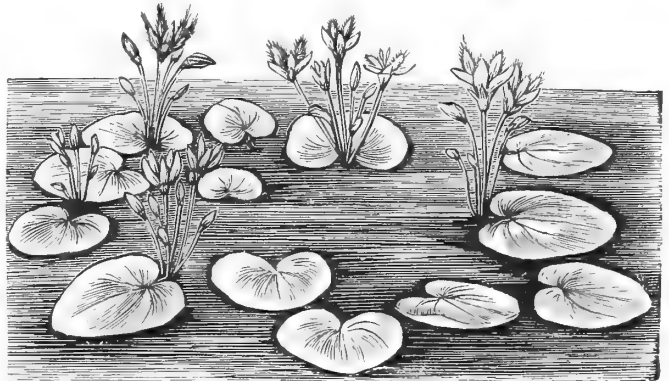
(Water Poppy.)

The flowers of this are similar to the above, but the leaf is larger, resembling a small Water Lily leaf, and is very pretty. It may be grown the same as the *Limnocharis* and is perfectly hardy. 30 cts. each.

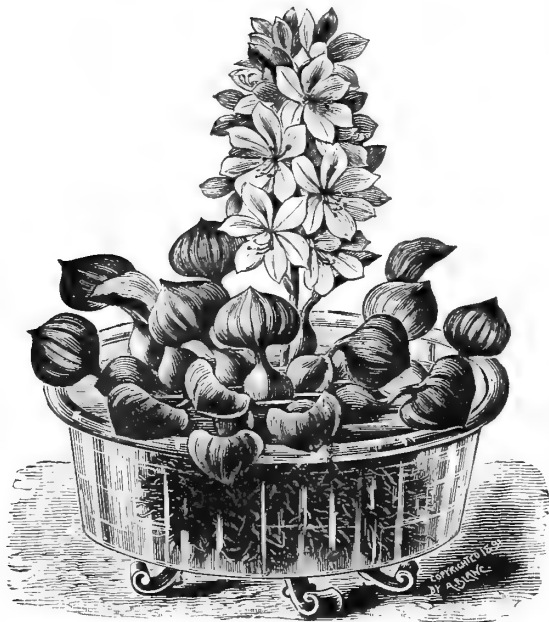
### LIMNANTHEMUM INDICUM.

(Water Snowflake.)

In this exquisite novelty the famous chrysanthemum, "Mrs. Alpheus Hardy," has a rival in miniature. In growth the plant resembles a water lily, with leaves from three to five inches across. The flowers are produced upon the stem of the leaf, and are about as large as a fifty-cent piece, as shown in the engraving. They are white, and the upper surface of the petals is covered with a delicate fringe, giving them the appearance of crystal, star-shaped snowflakes. They are produced freely the whole season. 50 cts. each.



WATER SNOWFLAKE.



THE WATER HYACINTH.

### PONTERDERIA CRASSIPES MAJOR.

(The Water Hyacinth.)

A very showy aquatic, bearing very freely flowers of a delicate lilac rose in trusses like a Hyacinth. The individual blooms are 2 inches in diameter. It should be grown in about 3 inches of water, so that the ends of the roots can enter the soil. 35 cts. each.

## HARDY GRASSES.

**Arundo Donax.** A magnificent hardy grass, growing to a height of 15 feet, and forming dense clumps.

25 cts. to \$1.00 each.

— **Donax Variegata.** A hardy, broad-leaved, variegated bamboo; foliage creamy white and green; growing 6 to 8 feet high. 30 cts. each.

### ERIANTHUS RAVENNÆ.

A hardy Ornamental Grass, which grows from 9 to 12 feet high, frequently throwing up from 30 to 50 flower spikes. It resembles the Pampas Grass, but blooms much more abundantly. 30 cts. each. Clumps 75 cts. each.

### EULALIA JAP. VARIEGATA.

A very graceful, tall, ornamental grass from Japan. Its long, narrow leaf-blades are striped green, white, and often pink or yellow. It throws up stalks from 4 to 6 feet in height, terminated with a cluster of flower spikes.

25 cts. each; \$2.50 per doz. Clumps 75 cts. each.

### EULALIA JAPONICA ZEBRINA.

This variety resembles Japonica in hardiness, growth and bloom. The long blades are marked with broad yellow bands across the leaf. It makes a very attractive specimen plant for the lawn. 25 cts. each; \$2.50 per doz. Clumps \$1.00 each.

### EULALIA GRACILLIMA UNIVITTATA.

This is a grand addition to the Ornamental Grasses; of compact habit, with very narrow foliage, of a bright green color with a silvery white midrib. 25 cts. each; \$2.50 per doz.

### PAMPAS GRASS.

One of the most effective of the Ornamental Grasses. Its silvery plumes are produced on stems 8 to 10 feet high. Well-established plants can remain in the open ground from year to year if protected.

25 to 50 cts. each. Extra strong plants \$1.00 each.

### PONTERDERIA AZUREA.

This new species of "Water Hyacinth" produces large spikes of flowers, of a lovely shade of lavender blue, with a rich purple centre, petals delicately fringed. 50 cts. each.

### PISTIA STRATIOTES.

A very curious plant, which floats upon the water. Its long fibrous roots extend downwards, but have no connection with the soil. It forms a rosette of light green velvety leaves, about 6 inches across; likes plenty of heat, and should be shaded from the direct rays of the sun. 25 cts. each.

### SAGITTARIA JAPONICA FL. PL.

(Double-Flowered Arrowhead.)

Resembling the native Arrowhead, but producing tall spikes of pure white flowers as double as the finest Carnation. For shallow water; hardy. 75 cts. each.

### Special Low-Priced Collection of Aquatics.

The varieties named below are a selection of the most popular and easily grown sorts, which we grow in large quantities. We will supply the collection of 11 varieties, one plant of each, amounting at our regular rates to \$13.00, for \$8.00.

**Nelumbium Speciosum.**

**Nymphaea Dentata.**

" **Rubra.**

" **Zanzibariensis Azurea.**

" **Flava.**

" **Odorata.**

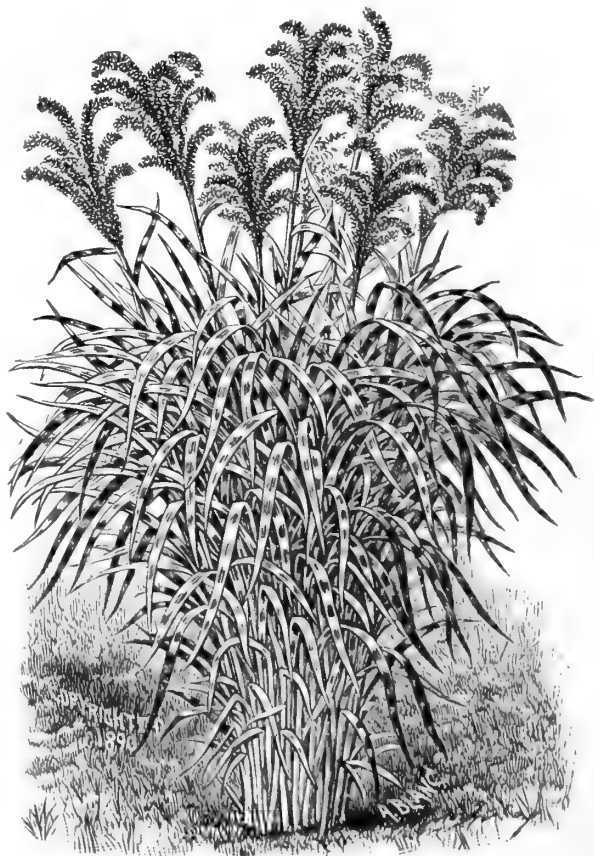
" " **Minor.**

" " **Rosea (Cape Cod Lily).**

**Myriophyllum Proserpinacoides.**

**Pontederia Crassipes Major.**

**Limnanthemum Nymphaeoides.**



EULALIA JAPONICA ZEBRINA.

# HARDY PERENNIALS.

A steadily increasing demand for hardy plants has led us to give them more attention and to increase our stock considerably. Our list contains none but good and satisfactory plants, though by no means including all that are worthy of cultivation. We can make when desired a selection that will keep the garden gay with flowers from the time frost leaves the ground until late autumn. They are adapted to every soil and situation, and when once planted will, with a little care, increase in vigor and beauty.



ANEMONE JAPONICA ALBA.

yellow-flowered perennials we have. It is a continuous bloomer the entire summer, withstanding both wet and dry weather. The flowers are of the exact form of a daisy, but clear yellow. 25 cents each; \$2.50 per dozen.

**AQUILEGIA CHRYSANTHA.** A beautiful golden-spurred Columbine from the Rocky Mountains. Flowers rich golden yellow; blooms in early spring. 25 cts. each; \$2.50 per dozen.

**AQUILEGIA GLANDULOSA.** A pretty species, with bright, lilac-blue sepals and pure white petals. 25 cts. each; \$2.50 per dozen.

**ASTILBE JAPONICA—Spiraea Japonica.** Splendid for outside flowering or forcing. Flowers white. 25 cents each; \$2.50 per dozen.

**ASCLEPIAS TUBEROSA.** One of the showiest of our late summer and autumnal flowers, and deserving of extensive cultivation; blossoms in close, compact umbels of a brilliant orange color. 25 cts. each; \$2.50 per dozen.

**ASTERS** (*Hardy New England*). Very pretty free-blooming hardy plants, commencing to bloom early in the season and continuing till killed by frost; rose-colored and purple. 25 cts. each; \$2.50 per dozen.

**CAMPANULA CARPATICA—Dwarf Canterbury Bells.** A pretty species growing in compact tufts not exceeding 8 inches in height, beginning to flower early in June and continuing almost the entire summer; flowers about one inch in diameter; we offer two colors, blue and white. 15 cts. each; \$1.50 per dozen.

**CAMPANULA GROSSEKII.** One of the prettiest of the Canterbury Bells, of erect habit, with dark-blue flowers. 15 cts. each; \$1.50 per dozen.

**HIBISCUS** (*Perennial Mallow*). The flowers, which are produced freely from July to September, are 6 to 8 inches in diameter, and vary in color from pure white to deep rose. The plants grow 5 to 8 feet high and form dense bushes, which are in season a complete mass of bloom. 15 cts. each; \$1.50 per dozen.

**HYACINTHUS CANDICANS.** A snow-white summer-flowering Hyacinth, growing 3 to 4 feet in height, gracefully surmounted with from twenty to thirty pure white bell-shaped flowers. 10 cts. each; \$1.00 per dozen.

**ACHILLEA, THE PEARL.** A grand improvement on the old Achillea fl. pl. The flowers, which are borne in the greatest profusion the entire summer on strong, erect stems, are of the purest white, somewhat resembling a Pompone Chrysanthemum; as a summer cut-bloom it is a great acquisition. 15 cts. each; \$1.50 per dozen.

**AJUGA REPTANS.** A dwarf growing and pretty perennial, especially suited as an edging plant; succeeds well in any position. 15 cts. each; \$1.50 per dozen.

**ANEMONE JAPONICA.** One of the most beautiful of the hardy herbaceous plants. They commence to open their rich-colored single blooms in August, and continue to increase in beauty until cut by frost. They thrive best in a light, rich, moist soil, and should not be transplanted more than is necessary when they become too thick.

**Alba.** Pure white, yellow centre, and dark eye.

**Elegans.** Carmine, yellow centre, dark eye.

**Rosea.** Dark rose, shaded pink, yellow centre, and dark eye.

25 cts. each; \$2.50 per dozen.

**ANEMONE PENNSYLVANICA.** A pretty native variety, with large white flowers tinged with red on the under side. 15 cts. each; \$1.50 per dozen.

**ANTHERICUM LILIASTRUM** (*St. Bruno's Lily*). A beautiful plant, with narrow, grass-like foliage, and long spikes of white, fragrant, lily-like flowers. 20 cts. each; \$2.00 per dozen.

**ANTHEMIS TINCTORIA—Hardy Golden Marguerite.** This is one of the best

summer, unequalled for cutting, and it is a magnificent



ANTHEMIS TINCTORIA.

**HARDY PERENNIALS—Continued.**

COREOPSIS LANCEOLATA.

**COREOPSIS LANCEOLATA.**

A hardy perennial that should find its way into every garden. The flowers are a clear bright golden yellow, and certain to attract attention. It flowers profusely, is perfectly hardy, and thrives in almost any situation. One of the best of the perennials. 15 cts. each; \$1.50 per dozen. Large clumps 25 cts. each; \$2.50 per dozen. (See colored plate on page 3 of cover.)

**CLEMATIS DAVIDIANA.**

This new Japanese Clematis is destined to be one of the finest of hardy plants, and indispensable to all collections of plants. It is a shrubby, upright plant, from two to four feet high, with fresh, bright foliage; leaves grow in whorls around the stem. The flowers circle and cluster in the greatest profusion around each whorl of leaves, making several tiers (four to six) of clusters extending, one above the other, from near the ground to the top of the foliage. Flowers are long, tubular, bell-shaped, very distinct, deep lavender color, and of delicious fragrance. 25 cts. each; \$2.50 per dozen.

**DELPHINIUM FORMOSUM.**

(Perennial Larkspur.)

This is certainly one of the handsomest and most satisfactory of all the hardy herbaceous plants, and should be planted extensively, even in the smallest garden; its long spikes of bright blue flowers are produced continually from June until frost. 20 cts. each; \$2.00 per dozen. (See colored plate on page 3 of cover.)

**DIANTHUS PLUMARIUS STANISLAUS.** Of dwarf compact habit, blooming perpetually the entire summer; violet rose with deep crimson centre. 20 cts. each; \$2.00 per dozen.

**DICTAMNUS FRAXINELLA.** A very showy border perennial, forming a bush about 2½ feet in height, having fragrant foliage and spikes of curious red flowers, giving off during hot weather a fragrant volatile oil, which explodes when a match is applied to it. 25 cts. each, \$2.50 per dozen.

**DIELYTRA SPECTABILIS** (*Bleeding Heart*). Adapted for outdoor planting or forcing for early spring blooming. It bears long racemes of graceful heart-shaped pink flowers.

25 cts. each; \$2.50 per dozen.

**DIELYTRA EXIMIA** (*Plumy Bleeding Heart*). Similar in growth, but with flowers a deeper shade than *D. Spectabilis* and borne in plumes. It remains in bloom a long time, frequently during the whole season. 25 cents each; \$2.50 per dozen.

**DIGITALIS** (*Foxglove*). A handsome and highly ornamental, hardy perennial plant, of stately growth, fine for shrubberies and other half-shady places; 3 feet. 15 cts. each; \$1.50 per dozen.

**DORONICUM EXCELSUM.**

A strong-growing perennial with large heads of bright yellow flowers 3 to 4 inches in diameter. 25 cts. each; \$2.50 per dozen.

**FEVERFEW** (*Little Gem*). An improvement on the old Feverfew; it is very dwarf, attaining a height of only 8 to 12 inches. The flowers are large, of more perfect form and of the purest white. 15 cts. each; \$1.50 per dozen.

**FUNKIA ALBA** (*Day Lily*).

Pure white, lily-shaped, fragrant flowers; borne in large clusters. 25 cts. each.

**Funkia Cœrulea.** Blue flowers, broad green leaves. 25 cts. each.

**Funkia Variegata.** Green and white foliage with purple flowers. 25c. ea.; \$2.50 per doz.



CLEMATIS DAVIDIANA.

**HEMEROCALLIS KWAMSO**, fl. pl. (*Double Orange Lily*). Large double copper-colored flowers; in bloom all summer. 25 cts. each; \$2.50 per dozen.

**HEMEROCALLIS FULVA** (*Lemon Lily*). Lemon-colored flowers, excellent for planting among shrubbery. 25 cents each; \$2.50 per dozen.

**HELIANTHUS MULTIFLORUS**, fl. pl. (*Double Hardy Sunflower*). An extremely useful, hardy plant; it bears profusely large double flowers of a bright yellow. 15 cts. each; \$1.50 per dozen.

**HELIANTHUS MAXIMILLIANA.** Large double golden yellow flowers. 15 cts. each; \$1.50 per dozen.



**HARDY PERENNIALS—Continued.**

HELIANTHUS SOLEIL D'OR.

**HELIANTHUS SOLEIL D'OR.**

This makes a splendid companion to the popular Helianthus Multiflorus, and is identical with it in all respects, except in the shape of the flowers, which are quilled like an Aster; a plant that is certain to become a general favorite.

25 cts. each; 5 for \$1.00; 12 for \$2.00.

**Iris Pumila.** Dwarf, early flowering, light blue, purple and yellow mixed. 10 cts. each; \$1.00 per doz.



IRIS GERMANICA.

**GAILLARDIA GRANDIFLORA.**

This is undoubtedly one of the finest of hardy Perennials. The flowers are large, very numerous, produced on long stems and excellent for cutting, and of the most gorgeous coloring. The centre is dark-red brown, while the petals are variously marked with rings of brilliant scarlet crimson, orange and vermillion, and often a combination of all these colors in one flower. It delights in a rather poor, light soil, and blooms in the greatest profusion from June to November.

20 cts. each, 6 for \$1.00, 12 for \$1.50.

**Lobelia Cardinalis.** A desirable native variety, producing large spikes of bright scarlet flowers.

15 cts. each; \$1.50 per dozen.

**Lychnis Viscaria Alba Plena.** Large double white flowers, which are produced in the greatest profusion during the entire summer; very valuable for funeral designs, taking the place of the Carnation at a season when double white flowers are in great request; perfectly hardy.

15 cts. each; \$1.50 per dozen.

**Lychnis Rubra.** An early spring-blooming plant which carries its clusters of brilliant crimson flowers for several weeks. 15 cts. each; \$1.50 per dozen.

**Iris Cristata.** A pretty dwarf variety, especially adapted for edging; throat and crest deep yellow, lip light blue. 20 cts. each; \$2.00 per doz.

**IRIS GERMANICA.**

These are neat, robust, hardy herbaceous early blooming plants, with large ornamental flowers of rich and elegantly blended colors, exquisitely striped with dark violet, purple or bronzed lines, upon a lighter ground. They thrive best in low situations, and can be planted in marshy places or interspersed with low-growing sedges on the margins of fish ponds.

**Comte de St. Clair.** White, shaded violet.

**Florentine.** White.

**Heriartiana.** Pale blue.

**Honorabilis.** Orange, lower petals brown.

**Pajole.** Purplish lilac, lower petals dark.

**Raphael.** Nankin yellow, lower petals purple with white veins.

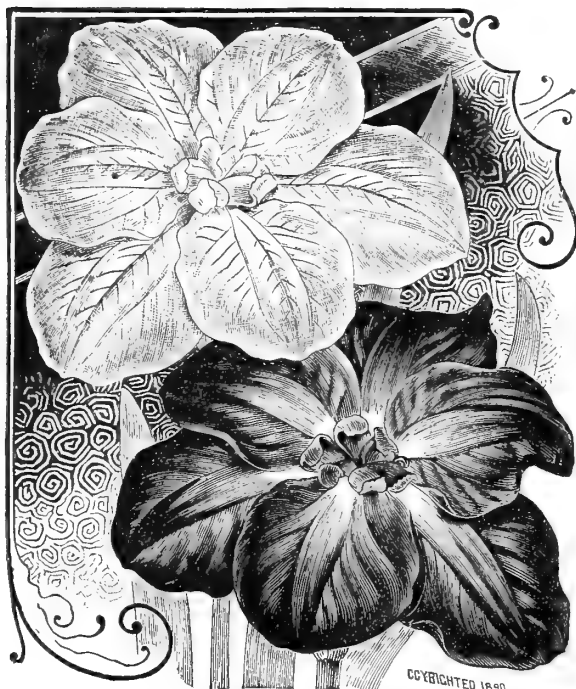
**Spectabilis.** White, pencilled with blue.

**Virgile.** Bronzy red, lower petals lilac.

**Virginal.** White petals, veined with purple.

**Walneri.** Lilac, lower petals dark blue.

15 cts. each; \$1.50 per dozen.

**HARDY PERENNIALS—Continued.****IRIS KÄMPFERI.**

This magnificent Japanese Iris is quite distinct from all other species. Some of the varieties are as beautiful as Orchids.

**Aurora.** Lavender, splashed and veined with white; double.

**Bijou.** Violet rose, of a beautiful shade.

**Conqueror.** Rose, mottled with crimson. A most distinct and novel variety; double.

**Eclipse.** Lavender blue; very finely veined and splashed.

**Enchantress.** Lavender, veined with crimson shaded rose; double.

**Favorite.** Porcelain blue striped with white; double.

**Novelty.** White, mottled and veined with lavender and blue; double.

**Rosamonde.** Very rich rosy purple.

**Perfection.** A beautiful shade of lavender.

**Pearl.** Fine, large double flower of the purest white.

**The Moor.** Maroon, shaded with blue, one of the finest dark varieties; double.

**Talisman.** Rosy purple mottled maroon, shaded blue. 25 cts. each; \$2.50 per dozen.



LILIAM SPECIOSUM RUBRUM

**LILIES.**

**Lilium Auratum** (*Golden Japan Lily*). This superb Lily has flowers 10 to 12 inches in diameter, composed of 6 white petals, thickly studded with rich chocolate-crimson spots, and a bright golden band through the centre of each petal; exquisite vanilla-like perfume. Extra strong bulbs, 35 cts. each; \$3.50 per doz.; \$20.00 per 100. Fine bulbs, 25 cts. each; \$2.50 per doz.; \$15.00 per 100.

**Lilium Speciosum Album** (*Lancifolium*). White Japan Lily. 30 cts. each; \$3.00 per doz.

**Lilium Speciosum Rubrum.** White, spotted with crimson. 20 cts. each; \$2.00 per doz.

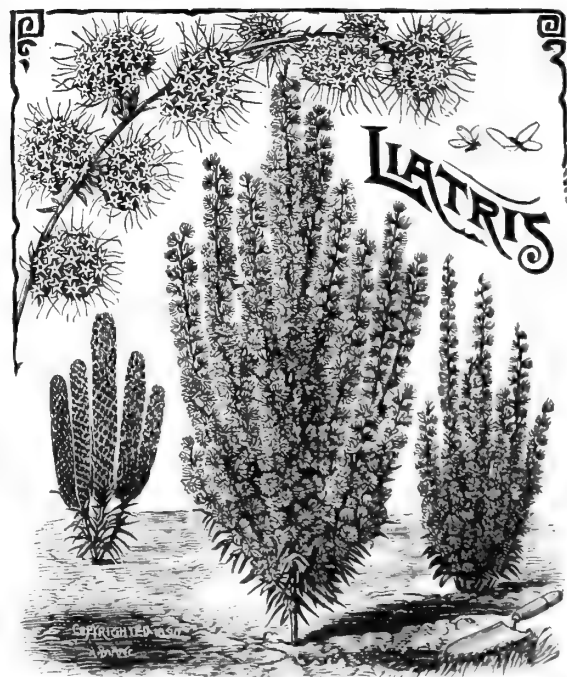
**Lilium Superbum.** A beautiful native variety, color yellowish red spotted. 15 cts. each; \$1.50 per doz.

**Lilium Tenuifolium** (*Coral Lily*). One of the earliest and best of lilies. It bears in profusion medium sized flowers of perfect form and of a dazzling orange scarlet. 25 cts. each; \$2.50 per dozen.

**Lilium Tigrinum** (*Tiger Lily*). Orange salmon, spotted with black. 15 cts. each; \$1.50 per doz.

**Lilium Tigrinum flore pleno** (*Double Tiger Lily*). Orange red, spotted with black, double showy flowers. 20 cts. each; \$2.00 per dozen.

**Lily of the Valley** (*Convallaria Majalis*). One of the most charming of our spring-flowering plants. Its slender stems, set with tiny bells diffusing a delicious odor, have rendered it a universal favorite. They are entirely hardy, and delight in a shady, well-enriched border. Strong clumps for out-door planting delivered until April and after September 1st. 30 cts. each; \$3.00 per dozen.



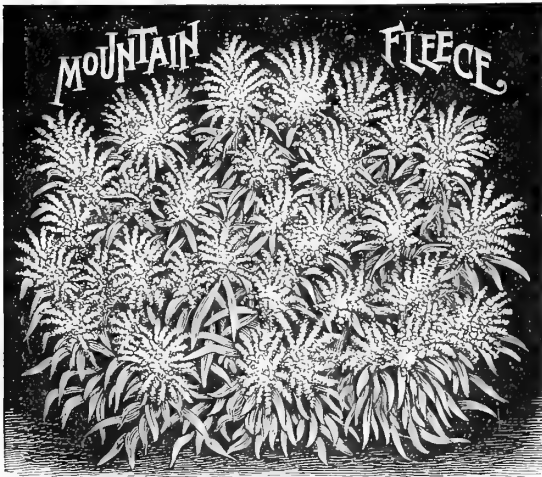
LIATRIS GRAMINIFOLIA.

**Liatris Graminifolia.** One of the most showy species of the Liatris in cultivation. The plants can be made very bushy by pinching, and every branch will be covered from top to bottom with purple brush-like flowers, which can be dried and used like immortelles. It should be well worth growing for this use alone. 10 cts. each; \$1.00 per doz.

**Monarda Didyma** (*Oswego Tea*). Flowers bright scarlet, produced in terminal spikes. 25 cts. each; \$2.50 per doz.

**Myosotis Dissitiflora** (*Forget-me-not*). Hardy spring-blooming plants, bearing a profusion of lovely light blue flowers. 25 cts. each; \$2.50 per doz.

**Myosotis, Eliza Fanrobert.** Large-flowering, bright blue, of pyramidal habit; remarkably fine and distinct. 25 cts. each; \$2.50 per dozen.



### MOUNTAIN FLEECE.

(*Polygonum Amplexicaule*, var. *Oxyphyllum*.)

The engraving gives a fair representation of this excellent Hardy Garden Plant, which may be well called "Mountain Fleece," for its masses of white when seen at a distance easily suggest the idea. It forms a bush 3 to 4 feet in height and width. Its great feathery white panicles, from 9 to 12 inches long, are produced from September until cut down by frost in October. Being entirely hardy in every section of the country, it will prove one of the most useful of all fall-flowering plants. For cemetery decoration it will be particularly suitable.

15 cts. each; \$1.50 per doz.

## PÆONIES.



HERBACEOUS PÆONIES.

### HERBACEOUS PÆONIES.

The Herbaceous Pæonies are exceedingly hardy, and will succeed in any ordinary garden soil, well enriched with good manure. During the summer months mulching will be beneficial to the roots, especially on dry soils. We offer a splendid assortment in twelve distinct varieties, embracing all the leading shades, white, pink, crimson, rose, purple, etc., etc.

Strong plants, 30 cts. each; \$3.00 per dozen.

### TREE PÆONIES.

This plant, instead of dying down to the ground every winter, like the herbaceous variety, grows into a hard-wooded shrub. The flowers are the same in form as the common variety, but of a light pink or bluish color. As the plants attain age they make very showy bushes and are very desirable for planting among shrubbery.

Strong plants, 75 cts. each; \$7.50 per dozen.

## PHLOX.

The Phloxes are among the most desirable of the hardy perennials; their large and very brilliant trusses of beautiful flowers comprise all shades of color, from white to crimson, striped and mottled. Divide and replant in freshly prepared soil each alternate year. They delight in sunny situations and a rich soil.

**Coccinea.** Intense crimson scarlet.

**Cross of Honor.** Beautiful light rose color, striped pure white, an excellent flower.

**Elaine.** Vermilion, tinted purple, scarlet centre.

**Joseph Bau.** Rich purplish-violet.

**Le Sultan.** Purplish crimson.

**Lothair.** Brilliant salmon rose.

**Mme. Deveret.** Bright rose, crimson eye.

**Mlle. Ladonette.** Rosy blush, deep rose eye.

**Miss Robertson.** Pure white; dwarf.

**Princess de Furstenberg.** White; carmine eye.

**Sir E. Landseer.** Very brilliant dark crimson; large.

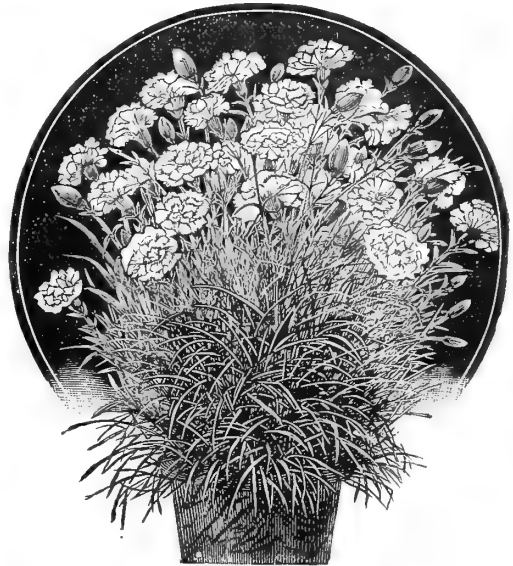
**Saison Lierval.** White, centre violet-rose.

**Triumph de Twickle.** Rosy magenta.

**Washington.** White, rosy purple centre.

**White Lady.** Large pure white, extra.

15 cts. each; \$1.50 per dozen.



SCOTCH PINK, SNOW.

### SCOTCH PINKS.

Dwarf hardy pinks, bearing double flowers of rich colors and possessed of the true clove scent. Though the plants are hardy, they winter better if protected.

**Alfred Harrington.** Pure white, laced deep maroon.

**Earl of Carlisle.** White, laced crimson.

**Gertrude.** Rosy, crimson, dark centre.

**Juliette.** White, laced crimson.

**Mrs. J. M. Welsh.** White, with crimson maroon centre.

**Prince Arthur.** Crimson centre, blush lacing.

**Snow (Mrs. Sinkins).** Entirely distinct form and superior to the old white Scotch Pink, being nearly double the size and of the most exquisite clove fragrance.

15 cts. each; \$1.50 per dozen.

### PLATYCODON GRANDIFLORUM.

(*Wahlenbergia*.)

One of the very best perennial plants; in constant flower from early spring to late fall. It forms dense clumps, which are covered with a mass of bell-shaped flowers.

25 cts. each; \$2.50 per dozen.

**PLUMBAGO LARPENTÆ.** A very useful edging plant, bearing rich deep blue flowers and continuing in bloom till cut by frost. 15 cts. each; \$1.50 per dozen.

**HARDY PERENNIALS**—Continued.ICELAND POPPY (*Papaver nudicaule*).**ICELAND POPPIES.**

These poppies range in color from the purest satiny white and yellow to the deepest glowing orange-scarlet, and have a delicious Lilac-like fragrance. The plants form very ornamental tufts of Fern-like foliage, from amongst which the slender flower stalks rise to about a foot in height, and bear elegant cup-shaped flowers, the petals of which glisten like crushed satin. The profusion of blooms which they produce is really astonishing, often a hundred flower stems on a single plant, and they are produced in never-ceasing succession from the beginning of June to October. Not only are these Poppies attractive in the garden, but for elegance in a cut state they are simply unsurpassed. Mixed colors, 15 cts. each; \$1.50 per doz.



TRITOMA GRANDIFLORA.

**TRITOMA UVARIA GRANDIFLORA** (*Flame Flower*). A splendid summer and autumn flowering plant, with stately flower scapes and magnificent terminal dense spikes of rich orange-red tubular flowers; familiarly known from its glowing colors as the "Red-hot Poker;" effective among shrubbery. 25 cts. each; \$2.50 per dozen.

**SPIREA FILIPENDULA** fl. pl. Numerous corymbs of double white flowers, and pretty fern-like foliage; one of the most useful perennials.

25 cts. each; \$2.50 per dozen.

**ORIENTAL POPPIES.**

Beautiful mixed varieties of this choice large-flowering Poppy, producing its handsome flowers in profusion during the summer. 15 cts. each; \$1.50 per doz.



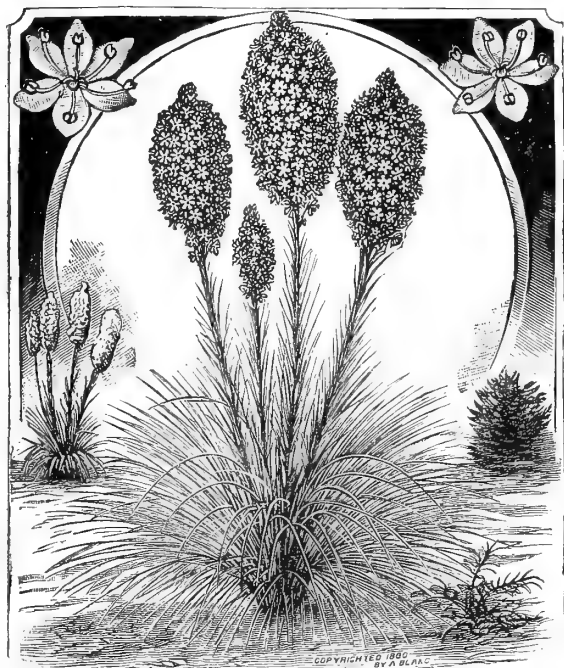
ORIENTAL POPPY.

**SEDUM ACRE.** Excellent for cemetery use or growing under trees; flowers yellow. 15 cts. each; \$1.50 per dozen.

**SEDUM FABARIUM.** An upright growing variety 15 to 18 inches high, flowers soft rosy pink. 15 cts. each; \$1.50 per dozen.

**SPIREA ULMARIA.** "Meadow Sweet." White fragrant flowers. 25 cts. each; \$2.50 per dozen.



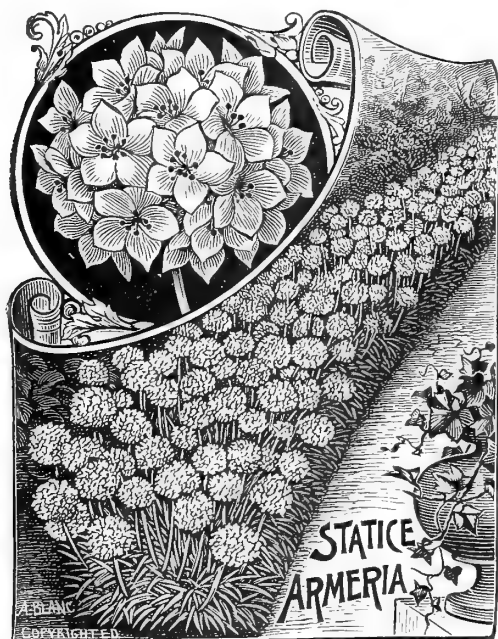


**XEROPHYLLUM ASPHODELOIDES.**  
(Turkey's Beard.)

A desirable hardy plant, indigenous to some parts of the United States, and should be grown in a moist situation. It is an odd-looking plant, with grass or sedge-like leaves 15 inches long, which are evergreen. It grows in clumps, from which rise from one to five flower-stems 3 feet high, each bearing a showy head of white flowers. 15 cts. each; 4 for 50 cts.

**STATICE ARMERIA (Sea Pink).**

Brilliant rose color. The best of the Armerias. Fine for edgings or borders. In bloom from May until hard frosts. Will flourish even on poor soil. 25 cts. each; \$2.50 per dozen.

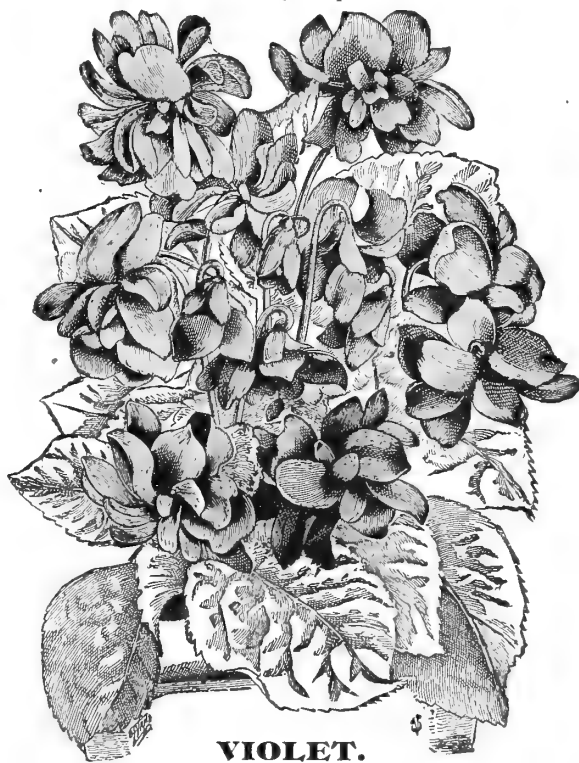


**VINCA MINOR (Periwinkle).** A desirable trailing plant for shady places. 15 cts. each; \$1.50 per dozen.

**YUCCA FILAMENTOSA (Adam's Needle).** A fine lawn plant. 25 cts. each; \$2.50 per dozen.



**TRILLIUM GRANDIFLORUM.** The "Wake Robin." An excellent hardy plant with large white flowers; fine for the hardy border in a shady situation, but also does very well and flowers freely in a sub-aquatic position. One of our best native flowering plants, and much admired. 25 cts. each; \$2.50 per dozen.



**VIOLET.**

(New Double Russian.)

A perfectly hardy Double Blue Violet, deliciously fragrant, deep in color, and very free flowering.

25 cts. each; \$2.50 per dozen.

Assortments of Hardy Perennials. Strictly our selection, all distinct varieties:

|                                  |                                       |          |
|----------------------------------|---------------------------------------|----------|
| 12                               | Hardy Perennials, assorted varieties, | \$2.00.  |
| 25                               | " " " " "                             | 4.00.    |
| 50                               | " " " " "                             | 7.00.    |
| 100 in 50 species and varieties, |                                       | \$12.00. |

# HARDY CLIMBING PLANTS.



ARISTOLOCHIA SIPHO (DUTCHMAN'S PIPE).

## ARISTOLOCHIA SIPHO.

A vigorous and rapid growing climber, bearing singular brownish colored flowers, resembling in shape a Dutchman's pipe. Its flowers, however, are of little value, beside its fine light green leaves, which are of very large size, and retain their color from early spring to late fall. The plant grows very quickly, and soon makes a dense shade. For arbors or trellises, or for making a screen, it is invaluable. It readily attains a height of 20 feet and is perfectly hardy. 50 cts. each; \$5.00 per doz. Extra strong plants, \$1.00 each.

## AKEBIA QUINATA.

One of the best climbers, bearing numberless bunches of violet-brown flowers, which have a pleasant cinnamon odor. It begins to bloom early in spring, and continues several weeks. In good soil and location it will grow 30 to 40 feet high. 25 to 50 cts. each; \$2.50 to \$5.00 per doz.

## APIOS TUBEROSA.

A valuable hardy tuberous-rooted climber, closely resembling the common Wistaria in vine and foliage, and having clusters of rich deep purple flowers, which have a strong, delicious violet fragrance. They grow to a great height, and bloom profusely. The bulbs are perfectly hardy, and should not be taken up over winter. Plant two or three bulbs near together to produce a mass of vines and flowers. 10 cts. each; \$1.00 per doz.

## AMPELOPSIS VEITCHI.

An entirely hardy Ampelopsis of Japanese origin. It grows as rapidly as the old Virginia Creeper, and attains a height of 50 feet. It clings firmly to any wall, tree, etc. The leaves are small on young plants, which at first are of an olive-green brown color, changing to bright scarlet in the autumn. As the plant acquires age the leaves increase in size. This variety becomes more popular every season, and is without question one of the very best climbing plants for covering brick or stone walls that can be grown. 25 cts. each; \$2.50 per doz. Extra large, 50 cts. each; \$5.00 per doz.

## AMPELOPSIS QUINQUEFOLIA.

(Virginia Creeper.)

A very rapid grower, with large dark green foliage, which changes in the fall to scarlet. A very desirable vine for covering arbors, verandas, etc.

25 cts. each; \$2.50 per doz.



APIOS TUBEROSA.

## BIGNONIA.

(Trumpet Creeper.)

For covering unsightly places, stumps, rock-work, or planting in crevices in ledges, the Bignonias will be found very useful. The flowers are large, attractive, and showy, and borne profusely when the plant attains a fair size.

**Grandiflora.** Large-flowered Trumpet Creeper, bearing blooms of an orange-red color. 50 cts. each.

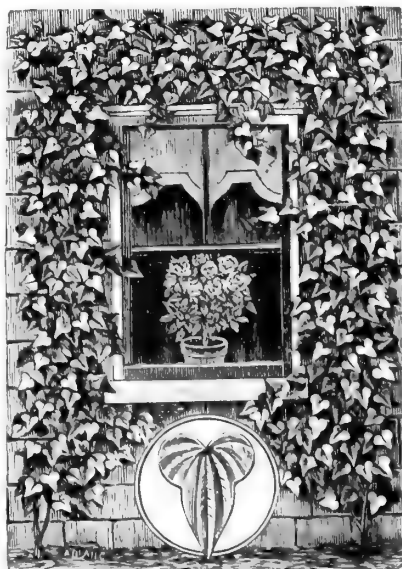
**Radicans.** Dark red, orange throat; free-blooming and very hardy. 25 cts. each; \$2.50 per doz.

## CINNAMON VINE.

(Dioscorea Batatas.)

A rapid-growing climber, taking its name from the peculiar fragrance of the delicate white flowers. The leaves are heart-shaped, bright glossy green; growth is very rapid, reaching about 8 feet in height; quite hardy.

Good roots, 15 cts. each; 2 for 25 cts.



CINNAMON VINE.



1. COCCINEA. 2. CRISPA. 3. ANDERSON HENRYI. 4. JACKMANNI.

## Clematis.

The attention paid this class of plants by growers has resulted in the production of many charming varieties bearing magnificent flowers of superb coloring. For covering walls, trellises or verandas, old trees or ruins, or as specimens on the lawn or in borders, or for massing in large beds on the lawn, they have scarcely an equal, certainly no superior.

- Alba Magna.** Pure white, with purplish-brown anthers.  
**Anderson Henryi.** Creamy white, large and handsome.  
**Countess Lovelace.** Bluish lilac, rosette-shaped.  
**Duchess of Edinburgh.** Very fine, pure double white.  
**Fairy Queen.** Large flowers, pale flesh, with a pink bar.  
**Gipsy Queen.** Rich dark velvety purple.  
**Imperatrice Eugenie.** Large flowers, of a pure white.  
**Jackmanni.** Large, rich violet purple; a free bloomer.  
**Jackmanni Superba.** Very dark violet purple.  
**John Gould Veitch.** Lavender blue; flowers double.  
**Lady Bovill.** Light blue; finely cupped.  
**Lady Caroline Neville.** French white, mauve bars.  
**Lady Londesborough.** Silvery gray with pale bar.  
**Lanuginosa Candida.** White, tinted; a fine flower.  
**Lawsoniana.** Rosy purple with darker veins.  
**Lord Neville.** Rich dark plum.  
**Lilacina Floribunda.** Pale lilac.  
**Lucy Lemoine.** White, rosette-shaped, double.  
**Magnifica.** Reddish-purple, red bars.  
**Madame Grange.** Crimson-violet, red bars.  
**Madame Eliza Schenck.** Blue; very free-flowering.  
**Madame Van Houtte.** Pure white; extra fine.  
**Miss Bateman.** White with chocolate-red anthers.  
**Mrs. James Bateman.** Pale lavender, large and free.  
**Mrs. George Jackman.** Satiny white.  
**Nigrescens.** Black purple.  
**Otto Froebel.** Grayish white; large.  
**Princess of Wales.** Bluish mauve, satiny surface.  
**Reine Blanche.** Light mauve with bar of lighter shade.  
**Star of India.** Reddish violet-purple with red bars.  
**Sir Garnet Wolseley.** Blue tinged bronze.  
**Tunbridgensis.** Deep bluish mauve.  
**Velutina Purpurea.** Blackish mulberry.  
 50 cts. each; \$5.00 per dozen.

### New Clematis, BEAUTY OF WORCESTER.

A sterling variety, which possesses the singular merit of producing both single and double flowers on the same plant for its earlier bloom, and as the season advances single flowers only are borne. It is a large and handsome six to eight-petalled flower of a lovely bluish-violet shade, with prominent pure white stamens, which greatly add to its beauty. 75 cts. each.

### CLEMATIS CRISPA.

A very beautiful species, bearing an abundance of pretty, bell-shaped, fragrant, lavender flowers with white centres. Blooms from June until frost. 25 cts. each; 5 for \$1.00.

### CLEMATIS FLAMMULA.

(Virgin's Bower.)

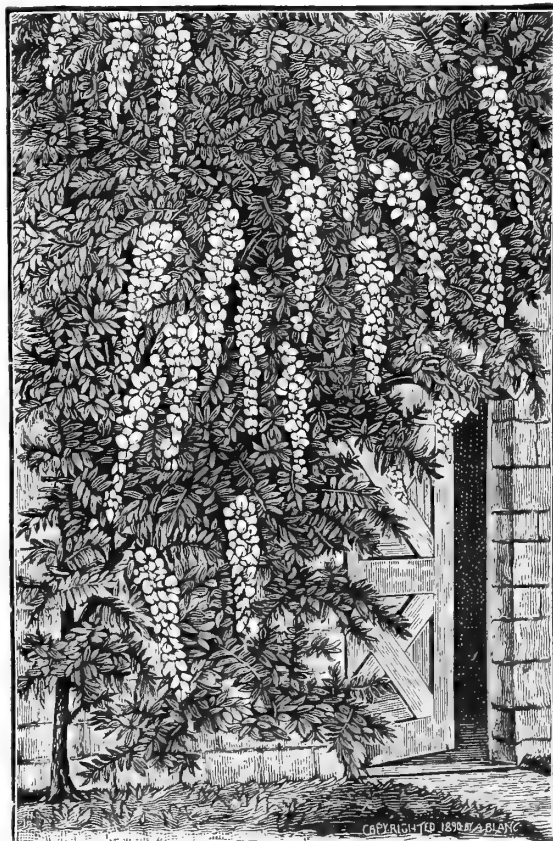
A general favorite, where a hardy rapid-growing vine is desired. Its small, bright-green foliage is almost hidden by clusters of small fragrant white flowers. 25 cts. each; 5 for \$1.00.

### CLEMATIS VIRGINIANA.

A rapid, strong-growing variety, producing a profusion of white flowers during July and August. 25 cts. each; 5 for \$1.

### CLEMATIS COCCINEA.

A very handsome, hardy climber, bearing thick, bell-shaped flowers of a bright coral red color; blooms with wonderful profusion from June until frost. 25 cts. each; 5 for \$1.00.



WISTARIA SINENSIS.

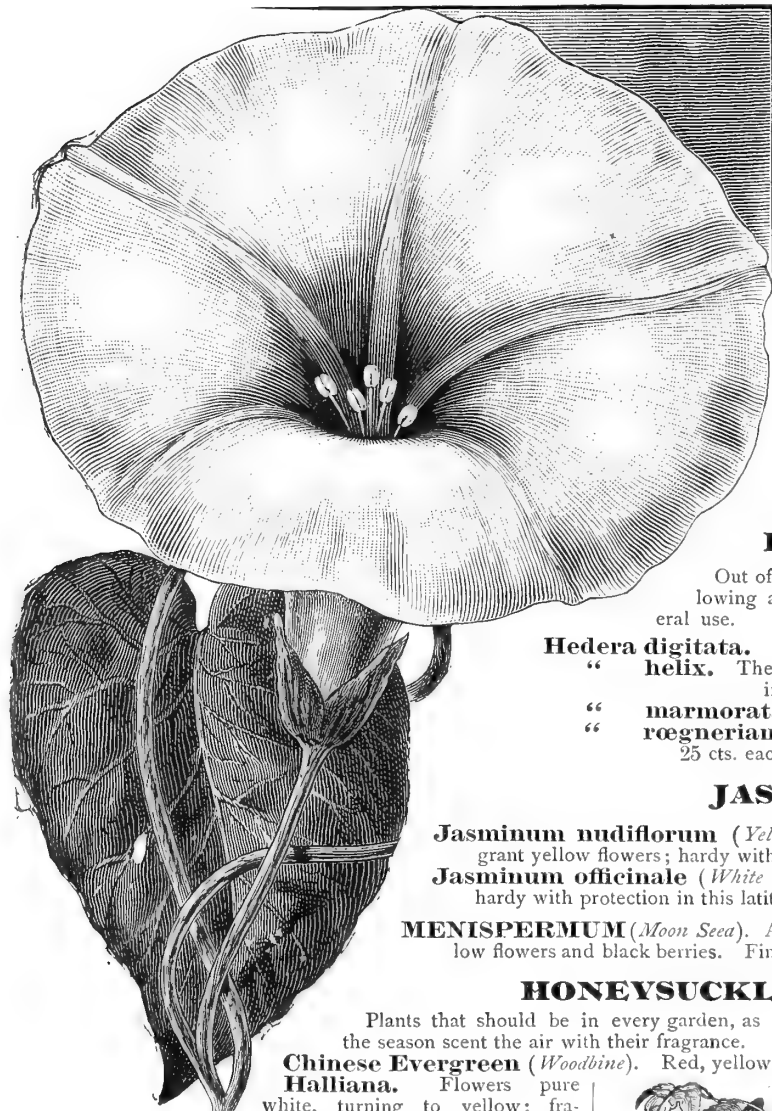
### CHINESE WISTARIA.

One of the best of all hardy climbers. When given a sunny situation and a liberal manuring it grows rapidly, and presents when in bloom a magnificent appearance.

**Wistaria Sinensis.** The favorite variety, producing thousands of pendulous clusters of delicate violet-blue blossoms, richly perfumed. 30 to 50 cts. each.

**Wistaria Sinensis Alba.** Of similar habit to Sinensis, with pure white flowers; a lovely climber. 50 cts. each.

**Wistaria Multijuga, fl. pl.** A handsome double-flowering variety, with lilac and blue flowers. \$1.00 each.



IPOMEEA PANDURATA.

**Heckrothi.** Deep red flowers with yellow throat; in bloom the entire season.

**Variegated** (*Aurea Reticulata*). Foliage beautifully mottled yellow and green; succeeds in any situation; a fine edging to flower beds.

25 to 50 cts. each; \$2.50 to \$5.00 per dozen.

### HOP—*Humulus Lupulus*.

One of the very best climbers for covering unsightly places. It is a rapid grower and bears a profusion of seed-pods suitable for many domestic purposes.

50 cts. per dozen; 60 cts. postpaid; \$2.50 per 100.

### PASSIFLORA.

(Passion Flowers.)

**Passiflora Constance Elliot.** The flowers are pure white, excepting a very slight coloring at the base.

**Passiflora cœrulea.** Bright blue; very fragrant.

**Passiflora incarnata.** A lovely shade of blue, white centre; one of the very best.

25 cts. each; \$2.50 per dozen.

### PERIPLOCA GRÆCA.

(Silk Vine.)

An exceedingly rapid grower, reaching up to a great height, with shining, long, narrow leaves, and clusters of purplish-brown blossoms. 25 cts. each; 5 for \$1.00.

## Ipomea Pandurata.

### HARDY WHITE MOON-FLOWER.

(White-Fringed Ipomea.)

This is one of the most rapid-growing vines in cultivation, having a large tuberous root that is perfectly hardy. A root three or four years planted will send up quite a number of strong shoots, that climb rapidly to a height of 30 to 40 feet. These shoots branch freely from the ground up, forming a perfect network of strong branches, densely covered from early summer to late autumn with its large, deep green, heart-shaped leaves, which overlap each other, forming a dense screen.

The flowers, which are very large, are a pure satiny white, with a pinkish-purple throat, shading off deeper in the tube.

25 cts. each; 5 for \$1.00.

### HARDY IVIES (*Hedera*).

Out of a long list of sorts we have selected the following as combining all the best qualities for general use.

**Hedera digitata.** Finger-leaved Ivy.

“ **helix.** The hardy English Ivy, generally used for growing on walls.

“ **marmorata elegans.** Small silvery marbled leaves.

“ **rœgneriana.** Giant leaved; strong grower.

25 cts. each; \$2.50 per doz.; \$18.00 per 100.

### JASMINES.

**Jasminum nudiflorum** (*Yellow Flowering Jasmine*). Producing fragrant yellow flowers; hardy with protection in this latitude. 25 cts. each.

**Jasminum officinale** (*White Flowering Jasmine*). Pure white, fragrant; hardy with protection in this latitude. 25 cts. each.

**MENISPERMUM** (*Moon Seed*). A curious twining, slender vine with small yellow flowers and black berries. Fine for rocky places. 25 cts. each; 5 for \$1.

### HONEYSUCKLES—*Lonicera*.

Plants that should be in every garden, as they thrive with little care, and throughout the season scent the air with their fragrance.

**Chinese Evergreen** (*Woodbine*). Red, yellow and white variegated flowers; very fragrant.

**Halliana.** Flowers pure white, turning to yellow; fragrant; hardy evergreen; flowers freely.



PASSIFLORA INCARNATA.



# HARDY SHRUBS.

First quality, 30 cts. each, except where noted; \$3.00 per doz.; \$20.00 per 100.



ANDROMEDA MARIANA.

**Andromeda Mariana.** One of the finest of our native shrubs; the individual flowers are long and tubular, borne in large branches. They are of a peculiar waxy white that is very pleasing; the wood and foliage are both peculiar, and in autumn the leaves turn a deep red and remain on until severe weather.

**Azalea Ghent.** A magnificent class of hardy flowering plants, bearing large trusses of lovely, fragrant flowers. Their diversity of color and form should render them, even to a greater extent than at present, leading shrubs for outdoor purposes. Very dry situations are not suitable for this class. The soil should be prepared as per instructions for Rhododendrons. The collection offered is from the best European sources. \$1.00 each; \$9.00 per doz.

**Althea, or Rose of Sharon** (*Hibiscus Syriacus*). Strong, erect growing shrubs of the easiest culture, which bear large and showy flowers in early fall.

**Double Rose.**

**Double White.**

**Double Purple.**

**Variegated Leaved.** Leaves conspicuously margined creamy white; flowers double purple.

**Barberry** (*Berberis Canadensis*). American Barberry. Yellow flowers April to June, followed by red berries.

**Barberry** (*Berberis vulgaris*). Yellow flowers in drooping racemes, followed in autumn with orange-scarlet-fruit.

**Barberry** (*Berberis Thunbergii*). Small foliage, fruit deep scarlet.

**Barberry, Purple** (*Berberis vulgaris purpurea*). Violet colored foliage and fruit; very effective.

**Burning Bush** (*Euonymus Europæus*). Pods covered with scarlet seed during autumn and winter.

**Calycanthus Sweet Shrub** (*Calycanthus Floridus*). Flowers fragrant, like strawberries; double, and of a chocolate color.

**Cratægus Pyracantha** (*Evergreen Thorn*). A valuable plant for growing singly or for a hedge. Attractive, rich, glossy foliage; fragrant white flowers, succeeded by bright orange-red berries. 25 cts. each.

**Cratægus Oxyacantha.** The English Hawthorn. Pure white flowers, fragrant.

**Clethra Alnifolia** (*Sweet Pepper Bush*). A very desirable dense-growing shrub, with dark green foliage and showy upright spikes of creamy white, intensely fragrant flowers, continuing in bloom a long time. The season of bloom is later than most shrubs, which is a valuable feature.

**Deutzia Crenata.** Bears a profusion of pink and white flowers; very pretty.

**Deutzia Crenata flore plena.** Flowers double white, tinged with pink.

**Deutzia Fortunei.** Large pure white single flowers.

**Deutzia Gracilis.** A dwarf bush, covered with spikes of pure white flowers in early summer.

**Dogwood, Red Twigged** (*Cornus sanguinea*). A strong growing bush, with crimson colored branches, making it an attractive object in winter.

**Exochorda grandiflora.** Finely shaped shrub, with a profusion of the most lovely pure white flowers; blooms in the spring. 50 cts.

**Forsythia, Golden Bell** (*F. viridissima*). Bears bright yellow flowers before the leaves appear.

**Fringe, Purple or Smoke Tree** (*Rhus cotinus*). Has very curious bloom, which when covered with dew resembles a cloud of smoke or mist. 50 cts. each.

**Fringe, White** (*Chionanthus Virginica*). The bloom is very much like white fringe; one of the most pleasing ornaments for the lawn. 50 cts. each.

**Globe Flower** (*Kerria* or *Corchorus Japonica*). Small shrubs, with abundant yellow flowers in early summer.

**Hydrangea paniculata grandiflora.** The flowers are borne in dense pyramidal panicles; are white when they first open, but gradually change to rose color, and remain in good condition for weeks. 25 cts. to \$1.00 each.

**Japan Quince** (*Pyrus Japonica*). A very showy and popular shrub, which blooms profusely in early spring; flowers dazzling scarlet. Makes an excellent hedge.

**Judas Tree, or Japan Red Bud** (*C. Japonica*). The flowers are a brilliant rose color, and borne in profusion. 3 to 5 feet; \$1.00 to \$1.50 each.

**Laburnum** (*Cytisus laburnum*). Long racemes of golden yellow flowers. In bloom June to July.

**Lilac, Common** (*Syringa vulgaris*). The common purple species, and one of the best.

**Lilac, Common White** (*S. vulgaris alba*). Flowers pure white; very fragrant; beautiful.

**Lonicera Tartarica.** White Tartarian Honeysuckle. Fragrant pink and white flowers; upright growing.

**Magnolia purpurea.** Dwarf; flowers bright purple; very profuse. 3 to 5 feet; 60 cts. each.

**Mock Orange, or Syringa** (*Philadelphus*). Fragrant pure white flowers.

**Mock Orange, Large Flowered** (*P. grandiflora*). Showy; large flowers; slightly fragrant.

**Privet, California** (*L. ovalifolium*). Nearly evergreen. Bears white flowers in the early summer; one of the best hedge plants.

**Spirea Billardii.** A strong growing, pink flowered, late blooming species.

**Spirea callosa alba.** Low dwarf growth; white.

**Spirea callosa rubra.** Low dwarf growth; red flowers

**HARDY FLOWERING SHRUBS—Continued.**

First quality, 30 cts. each, except where noted; \$3.00 per doz.; \$20.00 per 100.



JAPAN SNOWBALL.

**JAPAN SNOWBALL.**

(*Viburnum plicatum*.)

A new variety of Snowball from Japan. Growth upright and compact. Foliage olive green through summer, but towards fall it turns much darker and remains on the plant for some time after the first frosts. Flowers, though hardly as large as the old variety, are much more numerous. The leaves are in pairs along the stem, and from the base of each leaf a ball of flowers appears. There are often as many as ten pairs of these, or twenty balls, on a branch 18 inches long. These balls, as they expand, all face upward, so that a full view of their great beauty is always to be had.

Price, 1st size, \$1.00 each; \$10.00 per doz.

|   |    |   |     |   |      |   |
|---|----|---|-----|---|------|---|
| " | 2d | " | .75 | " | 7.50 | " |
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**STAPHYLLEA COLCHICA.**

A most desirable hardy shrub, introduced some years since, but very little known; it is of strong erect habit, growing from 3 to 5 feet high, and produces large white flowers in nodding terminal racemes during May. Strong flowering plants.

Price, 1st size, \$1.00 each; \$10.00 per doz.

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| " | 2d | " | .50 | " | 5.00 | " |
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**Spirea prunifolia** (*Bridal Wreath*). Flowers double, white and abundant; early blooming.

**Spirea Thunbergii.** One of the most charming of all low-growing shrubs, with fine, delicate foliage and a profusion of small white flowers in spring.

**Snowberry** (*Symphoricarpos racemosus*). Pink flowers in summer; large white, waxy berries in autumn.

**Tamarisk** (*Tamarix tetandra*). Feathery foliage, small, fringed, light pink flowers.

**Viburnum Snowball** (*Viburnum opulus sterilis*). Snowy white, borne in large balls in early summer.

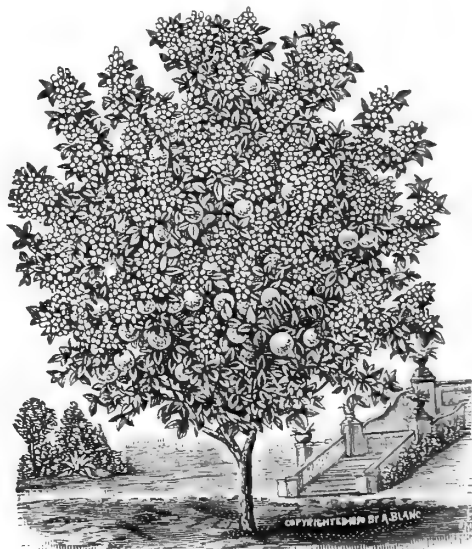
**Weigela candida.** Pure white. This is the best white Weigela.

**Weigela Desboisii.** Beautiful deep rose colored flowers.

**Weigela hortensis nivea.** Pure white; constant bloomer.

**Weigela rosea.** Fine colored flowers; one of the best.

**Weigela rosea nana variegata.** One of the most conspicuous shrubs that we cultivate; leaves beautifully margined creamy white; flowers pink. It is a dwarf grower and admirably adapted to small lawns or gardens.



TRIFOLIATE ORANGE.

**TRIFOLIATE ORANGE.**

This is the most hardy of the Orange family, and will stand our Northern climate with little or no protection, and is also desirable for pot culture. In the parks of both New York and Philadelphia it is growing luxuriantly, and blooming and fruiting profusely. It is dwarf, of a low, shrubby growth, with beautiful trifoliate, glossy green leaves, and abundance of large, white, sweet scented blossoms, larger and finer than any other variety of Orange blossoms and borne almost continually. The fruit is small, bright orange red in color, having a peculiar, pleasant flavor. The fine appearance of the plant, with its constant habit of blooming and showy fruit, combine to make a plant of peculiar value and beauty. 25 cts. each; 6 for \$1.00; extra large, 50 cts. each.

**RHODODENDRONS.**

The Rhododendron is one of the most valuable of our hardy decorative plants.

They require only a good garden soil, which should be dug at least two feet deep and mixed with some leaf mould or peat; it is also well to mulch the ground during summer, and protect with leaves or brush during the first winter. We offer a choice collection of plants from 12 to 24 inches high, bushy and well established, ranging in color from the purest white through all the shades of rose, pink, purple and crimson.

\$1.00 each; \$10.00 per doz.; \$65.00 per 100.

Plants set with buds, \$1.50 each; \$15.00 per doz.; \$100 per 100.

Extra large specimens in bud, 3 feet high, \$2.50 each; \$24.00 per doz.; \$150 per 100.



RHODODENDRONS.

# ❖ SMALL × FRUITS. ❖

## STRAWBERRIES.

To cultivate the Strawberry for family use, we recommend planting in beds four feet wide, with an alley two feet wide between the beds. These beds will accommodate three rows of plants, which may stand fifteen inches apart each way, and the outside row nine inches from the alley. The beds can be kept clean easier and the fruit gathered without setting the feet upon them. The ground should be well prepared by trenching or ploughing at least ten or twelve inches deep, and be enriched with well-rotted manure, ground bone, wood ashes, or any other good fertilizer. When the ground freezes in the early winter, cover the entire bed with salt meadow hay to the depth of one or two inches. If this cannot be had, use straw, which is improved by

being cut; cornstalks, long manure, leaves, shavings, or other material that will not pack and smother the plant, will answer the purpose. In the early spring remove part of the covering, and place as much as possible under the foliage of plants to keep the fruit clean and the weeds from growing.

Potted plants appear expensive, yet when the labor necessary to grow them into proper condition and the time saved in the result of the crop are considered, they will be found much cheaper than ordinary layer plants; besides, there is absolutely no loss in their removal, and a crop can be taken from the



STRAWBERRIES—POT-GROWN.

ground, such as Peas, Beans, Lettuce, Radishes or other early summer vegetables, before the time of planting, and a crop of fruit secured in ten months after planting.

Prices quoted in this catalogue are for layer plants grown in the regular way. Pot-grown plants will be ready for delivery after August 1st. Orders booked for plants to be grown especially, which insures the delivery of plants in the best possible condition. Prices for pot-grown plants are from \$3.00 to \$4.00 per 100, according to variety.

All varieties offered in this list have perfect or bi-sexual blossoms, except those marked (P), which are destitute of stamens, and are termed pistillate or imperfect flowering varieties, and must be planted near some perfect flowering sort, or they will produce little or no fruit.

**Bomba (P).** A seedling of Crimson Cluster, strong grower, fruit large size, firm and of a rich crimson color.

30 cts. per dozen; \$1.50 per 100; \$8 per 1,000.

**Bubach (P).** Very strong, healthy, vigorous plant, that appears to thrive well on almost every variety of soil. Very productive of large berries, that ripen early.

30 cts. per dozen; \$1.50 per 100; \$8 per 1,000.

**Charles Downing.** Medium to large, conical, bright crimson, moderately firm, juicy and of superb flavor. One of the very best for home use.

30 cts. per dozen; \$1.00 per 100; \$6 per 1,000.

**Cloud's Seedling (P).** Fruit very firm, large, and the vines entirely free from rust. This new variety is well worthy of trial.

30 cts. per dozen; \$1.50 per 100; \$8 per 1,000.

**Crescent Seedling (P).** Very productive, profitable for a near market, but too soft for shipping long distances. Medium size, attractive in color and form, quality moderate, but succeeds under any conditions.

30 cts. per dozen; \$1 per 100; \$6 per 1,000.

**Cumberland Triumph.** Large, light red; regular in form and size, and of good quality.

30 cts. per dozen; \$1.50 per 100; \$8 per 1,000.

**Eureka (P).** This variety is of Ohio origin; it is of an extremely strong, vigorous, healthy growth; producing very large, bright glossy scarlet berries, somewhat corrugated like Miner; they are moderately firm and of very good quality; season, medium.

50 cts. per dozen; \$2 per 100; \$10 per 1,000.

**Gandy.** A strong, healthy plant, that makes but few runners, so that there is never any crowding of plants. Perfect blossom, moderately productive, of large, perfectly formed berries; ripens very late.

50 cts. per dozen; \$2 per 100; \$10 per 1,000.

**Haverland (P).** Enormously productive of medium to large, long, conical berries, of pale, scarlet color; very uniform in size and shape; rather insipid in flavor, but so extremely early, prolific and showy that for medium and light soils it is one of the most profitable.

30 cts. per dozen; \$1.50 per 100; \$8 per 1,000.

**Jessie.** A seedling from the Sharpless; perfect blossom; fruit large to very large; dark scarlet color; firm and solid and of excellent quality; only moderately productive. Of little value on light soils, but on a deep rich loam it furnishes superb fancy berries either for the table or market.

30 cts. per dozen; \$1.50 per 100; \$8 per 1,000.

**May King.** A healthy plant, free runner and moderately productive of bright scarlet berries; perfect form and fine quality, and one of the earliest to ripen.

30 cts. per dozen; \$1.50 per 100; \$8 per 1,000.

**Miami (P).** This new Strawberry leads all others in vigor of growth, and will not heave by frost, or suffer from drought, the roots being so thoroughly matted and strong that they will withstand quite severe weather. Fruit very sweet, of a deep glossy red color, and of large size.

50 cts. per dozen; \$2 per 100; \$10 per 1,000.

**Miner.** A reliable standard sort, for family use or for market; plant healthy and vigorous, productive of medium to large berries, somewhat resembling the Downing, only darker in color. 30 cts. per doz.; \$1.50 per 100; \$8 per 1,000.

**Michel's Early.** A very strong-growing, extra early variety; ripening several days before Crescent Seedling; moderately productive; quality good; very attractive in color. 30 cts. per dozen; \$1.50 per 100; \$8 per 1,000.

**Kentucky.** An old and well-tried variety; of fair size and good flavor. Desirable for home use or near market.

30 cts. per dozen; \$1.50 per 100; \$8 per 1,000.

**Sharpless.** Very large; clear red; firm, sweet and of good quality; somewhat irregular; a rapid and vigorous grower. One of the most popular standard varieties.

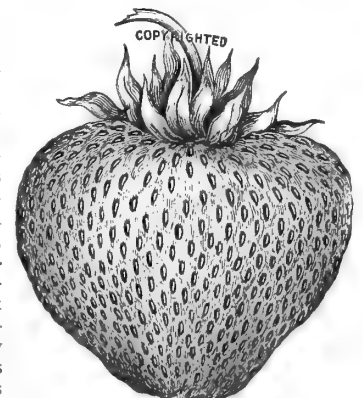
30 cts. per dozen; \$1.50 per 100; \$8 per 1,000.

**Yale.** A strong vigorous grower and heavy bearer; berries of large size, good shape; color, deep dark red, very juicy, yet solid. Ripens late.

30 cts. per dozen; \$1.50 per 100; \$8 per 1,000.

**Middlefield (P).**

The cut gives a very correct impression of this new berry, which is of Connecticut origin; plant a strong grower; blossom, pistillate; season, medium. The berries are large, quite regular in size, and form nearly conical; firm and solid, making it a good shipper; color, a dark glossy crimson, giving it a brilliancy that but few varieties possess. It colors up all over, and the flesh is crimson clear through. It is of superior quality, productive and profitable. 50 cts. per dozen; \$2 per 100; \$10 per 1,000.



MIDDLEFIELD.



## CURRANTS.

Currants and Gooseberries should be planted on good soil, which must be kept rich and well worked. Trim out the old wood as soon as it begins to decline, and shorten all the young shoots, to keep the bushes in good shape. Sprinkle ashes around the roots occasionally, to keep the borers away. The currant worm may be destroyed by sprinkling the bushes with powdered white hellebore while they are wet with dew. Where it has been applied, the fruit should not be used without first being washed.

**Black Naples.** Vigorous and productive; used for jelly and jams, and highly profitable for market in some sections. 2 years, \$1.50 per doz.; \$8.00 per 100.

**Cherry.** Fruit large, bunch small; deep red; acid. 2 years (very fine), \$1.50 per doz.; \$8.00 per 100.

**Fay's Prolific.** Color rich red; as compared with the Cherry currant, Fay's Prolific is equal in size, better in flavor, contains less acid, and five times as prolific; and from its long, peculiar stem, less expensive to pick.

2 years, 20 cts. each; \$2.00 per doz.

**La Versailles.** A popular variety; bunch and berries large, bright crimson; fine, vigorous, and productive. 2 years, very fine, \$1.50 per doz.; \$8.00 per 100.

**Red Dutch.** Medium size; in large bunches; the old and well-known Currant of the garden; a profitable market variety.

2 years, \$1.50 per doz.; \$8.00 per 100.

**White Grape.** The best white variety; large, sweet and good; best for the table; a good bearer. 2 years, very fine, \$1.50 per doz.; \$8.00 per 100.

## GOOSEBERRIES.

*Treatment same as for Currants.*

2 years, \$1.50 per doz.; \$10.00 per 100.

**Downing.** Large; pale green; soft, juicy, and good for family use.

**Houghton's Seedling.** Medium; pale red; vigorous.

**Smith's Improved.** Large; pale green; productive bearer; good for family use or for market.

**Industry.** This variety, though of English origin, succeeds admirably in the United States, bearing immense crops and free from mildew. It has the peculiar advantage of coming into leaf some time before it flowers, consequently the foliage protects the bloom from destructive spring frosts. It succeeds well under the shade of trees. It has fruited in this country for several years, and has thus far proved unequalled for size, flavor, productiveness and vigorous growth.

25 cts. each; \$2.00 per doz.; \$12.00 per 100.

## BLACKBERRIES.

Plant in good soil, in rows 5 or 6 feet apart, and 3 or 4 feet apart in the row. After the fruiting season, or in early spring, cut out all the dead wood. Blackberries should be planted early, before the buds start. A good top dressing of stable manure, applied annually, will be conducive to large crops. Keep the ground clean.

**Erie.** This is a new berry of great promise, on account of ripening its entire crop at once and early. Berries medium or large size, black when ripe, firm, sweet, and of good quality. \$1.50 per doz.; \$8.00 per 100.

**Early Harvest.** The berry is of fair size (not large); long form; a splendid shipper and of good quality. Early, hardy and excessively prolific.

\$1.00 per doz.; \$6.00 per 100.

**Kittatinny.** Large; juicy, sweet and excellent; hardy and productive. Considered the best and most profitable late berry. \$1.00 per doz.; \$4.00 per 100.

**Wilson Junior.** Of large size, unsurpassed productiveness, fine flavor, and early. The largest and best early Blackberry yet introduced. 75 cts. per doz.; \$4.00 per 100.

**Snyder.** Berries medium, but of excellent quality; hardy; of strong growth and enormously productive; ripens early.

\$1.00 per doz.; \$4.00 per 100.

## RASPBERRIES.

Plant in rows 5 to 6 feet apart, 2 to 4 feet apart in the row. Cut the tops off within a few inches of the ground when planted. After the fruiting season, early in the spring, cut out all the old wood which bore the last crop of fruit. Pinch the vigorous young shoots several times during the summer. They will then grow stout enough to stand without staking.

**Brandywine.** Large; bright red; hardy and productive; an old variety, extensively grown for market.

75 cts. per doz.; \$3.00 per 100.

**Cuthbert, or Queen of the Market.** Large; firm; deep, rich crimson; of excellent quality; tall, strong and vigorous; perfectly hardy and very productive; succeeds well in almost all localities; ripens medium to late.

75 cts. per doz.; \$3.00 per 100.

**Doolittle's Improved.** A popular black variety, excellent for market or home use.

75 cts. per doz.; \$3.00 per 100.



HANSELL RASPBERRY.

**Hansell.** Medium; bright crimson; very firm, rich, and of good quality; very early; desirable for market or home culture. \$1.00 per doz.; \$6.00 per 100.

**Golden Queen.** Berries large golden yellow, bright and firm, and of fine, rich flavor; vigorous, productive and healthy. \$1.00 per doz.; \$6.00 per 100.

**Gregg.** A large black variety; fruit firm, of excellent quality and a good shipper. 75 cts. per doz.; \$3.00 per 100.

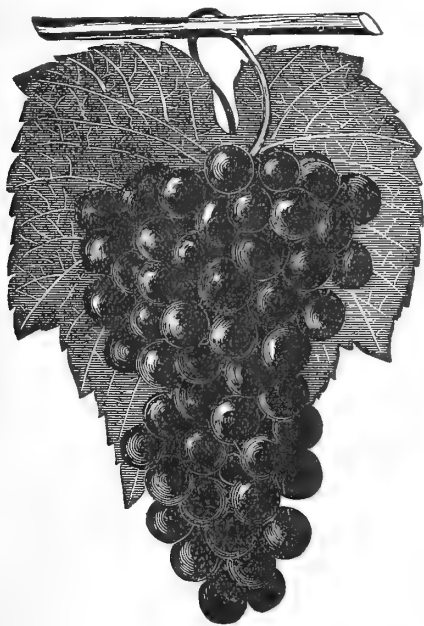
**Marlboro'.** Of largest size, color a bright crimson, very firm. 75 cts. per doz.; \$3.00 per 100.

**Souhegan.** Jet black, of medium size; a strong grower, very hardy and productive; the earliest of the Black Caps. 75 cts. per doz.; \$3.00 per 100.



## HARDY GRAPES.

Grapes will flourish and bear abundantly on almost any good, dry soil, especially if the vines are trained against a building. We would emphatically urge all farmers, and others who have barns or buildings, to plant grape vines about them. Many varieties will do well when thus supported and protected, where they are worthless grown on arbors. Nor is it necessary for persons to conclude, because some of the more tender varieties will not grow with them, that they cannot have grapes, because there are kinds adapted to almost every locality, that may be grown on a very cheap and simple arbor, or even on single poles or stakes.



CONCORD.

**Agawam** (*Rogers' No. 15*). Large; dark red; sweet, sprightly, pleasant aromatic flavor; vigorous and productive.

**Bacchus**. An excellent black grape; fine flavor and attractive appearance; bunch large. 50 cts. each.

**Brighton**. In color and form it resembles the Catawba, combining its sprightliness with the richness of the Delaware; vines vigorous, hardy and productive; early.

**Catawba**. A very late keeper; red, sweet and rich, with pleasant musky flavor. Does best against buildings.

**Champion, or Talman**. Bunch compact, medium to large. Berries large and black. Vine a strong, vigorous grower; healthy, hardy and productive.

**Clinton**. Small; black. The fruit does not get fully ripe until after frost; it is then very sweet.

**Concord**. Popular; one of the most profitable and productive of all hardy grapes. Bunch and berry large; black, juicy and sweet; early; hardy.

**Delaware**. Small; light red; skin thin; very juicy, sweet, sprightly, fine flavor. Requires a rich soil.

**Diana**. Medium; pale red; sweet, rich and aromatic; late; hardy. Productive when trained against a building.

**Duchess**. Medium size; greenish white; flesh tender; juicy, sweet, rich, spicy; excellent quality. Medium to large size; compact bunch. Vine a strong, vigorous grower, very productive and hardy.

**El Dorado**. A very beautiful grape; clear, golden yellow; bunch and berry large; flesh tender, juicy, rich, and of best flavor; vine healthy and vigorous; ripens a week or ten days before Concord. 50 cts.

**Empire State**. White, fine flavored and productive. Vine vigorous and hardy. 50 cts.

**Jefferson**. Vine very vigorous, hardy and productive; bunch very large, often double-shouldered, very compact; berries large, roundish oval; light red; juicy, sweet, slightly vinous. 50 cts.

**Jessica**. A white grape, resembling the Champion in many respects, though of better quality; remarkably early. 50 cts. each.

**Lady Washington**. Vine healthy and vigorous; bunch large and compact; berry large; beautiful pale yellow, tinged with pink where exposed to the sun; flesh soft, tender, juicy, sweet and of good quality.

**Iona**. Medium; pale red; sweet and sprightly; vigorous and productive.

**Lindley** (*Rogers' No. 9*). Red; juicy, sweet and slightly foxy; resembles the Catawba.

**Martha** (*White Concord*). Large; pale yellow; strongly resembles the Concord in all points except color; hardy and vigorous.

**Merrimac** (*Rogers' No. 19*). Large; black; juicy, sweet and good; generally reliable.

**Moore's Early**. Ripens 10 days earlier than Concord; bunch and berry round and large; black, with a heavy blue bloom; good quality.

**Niagara**. Vine remarkably hardy and strong grower; bunches very large and compact; berries large; light greenish white, slightly ambered in the sun; skin thin, but tough and does not crack; quality good. 50 cts. each.

**Pocklington**. A seedling of the Concord, resembling that variety in leaf, vine, habit of growth, hardiness and productiveness. Bunch and berry very large; attractive golden yellow color; 50 cts. each.

**Prentiss**. Bunch large and compact; berry medium to large, of yellowish green color; skin thin, but very firm; sweet, juicy, with a pleasant musky aroma.

**Salem** (*Rogers' No. 22*). Large; bright reddish brown; fine, rich, aromatic flavor.

**Telegraph**. Large; black; juicy; sweet, agreeable flavor; early and hardy.

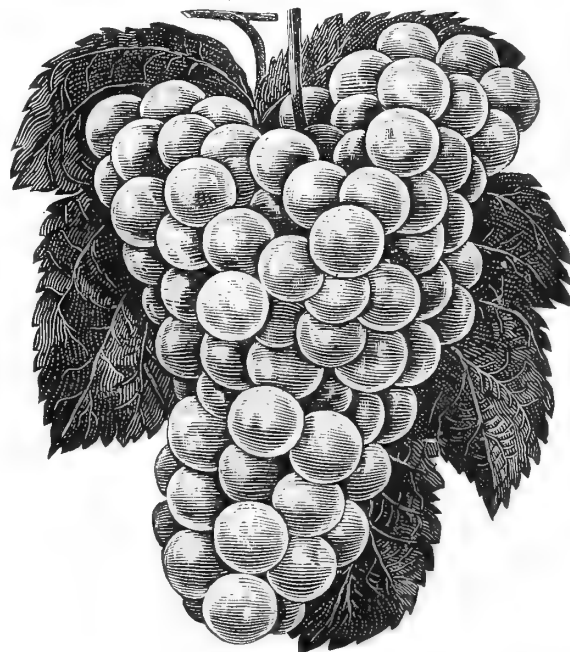
**Vergennes**. Bunch and berry large, of chocolate color; ripens early, and keeps until midwinter. 50 cts.

**White Lady**. Bunch compact and of good size; berry yellowish green; flavor sweet, rich and sprightly.

**Wilder** (*Rogers' No. 4*). One of the best of Rogers' seedlings; bunch and berry large; black, with a slight bloom; pulp tender, juicy, sweet and rich; vigorous and productive.

**Worden**. A few days earlier than Concord; a larger berry, and a larger and more compact bunch, of black color; hardy, healthy, of fine quality.

**Wyoming**. A fine, early, red grape; bunch and berry double the size of the Delaware, of same color, and resembles it in flavor. 50 cts. each.



NIAGARA.



GREEN FLY.

RED SPIDER.

BLIGHT.

MEALY BUG.

SCALE.

THRIP.

**Hammond's Slug Shot.** One of the cheapest and best powders for destroying the Cut Worm, Potato Bug, Chinch Bug, Rose Bug, Rose Slug, Curculio, Worms or Caterpillars upon Vines, Tobacco, Cotton or Egg Plants, Currants and Fruit Trees. It is an excellent fertilizer; plants upon which it is used will grow and look much finer than those upon which it is not. It contains nothing injurious to domestic animals, and does not deteriorate by age. On low growing plants it should be dusted on with a very fine sifter. On tall shrubs and trees it should be applied with the Double or Single Cone Bellows. 5 lbs., 25 cts.; 10 lbs., 50 cts. Bags, 100 lbs., \$4.50; in barrels in bulk, weighing 225 lbs. net, 4 cts. per lb. Tin canisters with perforated tops, holding  $\frac{3}{4}$  pint, 25 cts.; by mail, 35 cts. Cartoons filled with Slug Shot, 15 cts.; by mail, 25 cts.

**Carbolic Acid Soap.** Kills and drives away Lice, Fleas, Ants, Bugs, Worms, Grubs, and all insects that destroy animals and plants. With directions. Per cake, 10 cts.; by mail, 15 cts.

**Flowers of Sulphur.** A preventive and cure for mildew on grape vines, etc. Per lb., 10 cts.; by mail, 25 cts.; 10 lbs., 60 cts.; 100 lbs., \$5.00.

**Grape Dust.** A preparation for destroying Mildew on Grape Vines. Can also be used on plants or trees affected with Mould, Mildew or Rust Mites, either in Greenhouses or the open air. Its diffusibility is great, one part of Grape Dust will spread itself over a greater surface than Sulphur. To be thoroughly effectual, it must be applied frequently by dusting, as atoms of fungi are always spreading or floating. Apply at the first appearance of trouble. Dust on a warm, dry day: 5 lb. pkge., 35 cts.

**Gishurst's Compound.** Extensively used in England, on the Continent, and in this country, for preventing and destroying Green Fly, Mildew, Thrip, Mealy Bug and Scale. Per box, 50 cts.; by mail, 65 cts.; 3 lb. box, \$1.00; by mail, \$1.40.

**Hellebore.** For destroying Rose Slugs. One or two applications are usually sufficient for a season, and it is thoroughly effective. With directions. Per lb., 30 cts.; by mail, 45 cts.

**London Purple.** One of the best destroyers for insects. It is cheaper and less dangerous than Paris Green. The proper proportions for using are at the rate of one pound to 150 gallons of water. The best article for spraying apple trees. Lb., 20 cts.; postpaid, 35 cts.; 10 lbs., \$1.75; 100 lbs., \$15.00.

**Pinner's Tobacco Soap.** A convenient and potent specific for destroying insects, parasites, and their eggs, infesting either plants or animals. Per lb., 40 cts.; postpaid, 55 cts.

**Soluble Fir Tree Oil.** A preparation for destroying insects and parasites, such as Mealy Bug, Red Spider, Scale, Thrip, Green Fly, Fleas, etc. It answers every purpose as an Insecticide, is harmless to the hands and skin when used as an Insecticide, or when applied for destroying parasites on animals or man, or when used as a wash for dogs. Full directions with each can.  $\frac{1}{2}$  pt., 50 cts.; pt., 75 cts.; qt., \$1.50;  $\frac{1}{2}$  gall., \$2.75; gall. \$5.00. Add 25 cts. per pint for postage; larger packages by express only.

**Tobacco Dust.** Cheaper than snuff, and quite as effectual. A sure remedy for Green Fly. 1 lb., 10 cts.; 5 lb. package, 40 cts.; 10 lbs., 65 cts.; 100 lbs., \$3.50.

**Tobacco Stems,** for fumigating. Per lb., 10 cts.; per bbl., \$1.25; in bales of about 250 lbs., \$2.00.

**Pyrethrum Roseum,** or Persian Insect Powder. For destroying Roaches, Ants, Fleas, and all other noxious insects. Per lb., 50 cts.; by mail, 65 cts.

**Pure Paris Green,** for destroying potato bugs. It is effectual for destroying that pest. Directions for use with each package. 25 cts. per lb.; by mail, 40 cts.

**Whale Oil Soap.** An effectual remedy for destroying and preventing insects on plants, trees, vines, etc., for washing down the bark of trees, grape vines, etc. In 1, 2 and 5 lb. tin cans, with directions, 20, 35 and 75 cts. Bulk, per lb., 12 cts.; 10 lbs., \$1.00; 100 lbs., \$8.00. By mail, add 15 cts. per lb.

**Powell's Improved Bordeaux Mixture,** all ready mixed, only requiring the addition of two gallons of hot water to each pound of mixture. 5 lb. packages, 40 cts.; 50 lb. boxes, per lb., 6 cts.

**Powell's Copperdine** (*Ammoniacal Solution Carbonate Copper*). Quart can, makes 22 gallons wash, per can, 50 cts.; gallon can, makes 100 gallons wash, per can, \$1.50.

In treatment of Fungus Diseases of Grapes and other Fruits the first two sprayings should be made with Bordeaux Mixture and the later sprayings with the Ammoniacal Solution Carbonate Copper, as it does not speck or discolor the fruit.

## IMPLEMENTS FOR APPLYING INSECTICIDES.



Single Cone Woodason Powder Bellows.

\$1.00 and \$2.25.

Double Cone Woodason Powder Bellows.

\$3.50.



Paris Green, Slug-Shot and Plaster Dusters.

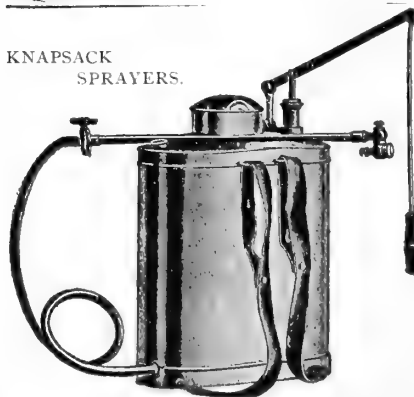
An effectual and cheap duster for dry powders. With handle as figured either fine or coarse mesh.

25 cts. each.

With side handle for using with pole.

20 cts. each.

KNAPSACK SPRAYERS.



EXCELSIOR KNAPSACK SPRAYER.

The only way to have healthy nursery stock, sound plants and perfect fruits and vegetables, is to protect them with the right fungicides and insecticides at the proper times.

## Knapsack Sprayers for Applying Bordeaux Mixture, Copperdine and all Liquid Insect Destroyers.

|                 |                 |       |         |
|-----------------|-----------------|-------|---------|
| Eureka (copper) | holds 6 gallons | ..... | \$18 00 |
| Excelsior       | " 4 "           | ..... | 14 00   |
| Perfection      | " 4 "           | ..... | 14 00   |
| "               | galv. " 4 "     | ..... | 12 00   |

# FERTILIZERS.

We keep but one grade of Fertilizers and that the highest. that our customers will receive full value.

**Dreer's Ammoniated Bone Phosphate.** One of the best fertilizers for dressing lawns or mixing with potting soil. A perfectly pure and high grade phosphate. Our experimental ground trials have proved this to be one of the very best Potato Fertilizers. 5 lbs., 25 cts.; 100 lbs., \$2.50; 200 lb. bag, \$3.50; ton, \$32.00.

**Bowker's Ammoniated Food for Flowers.** Made especially for plants grown in the Conservatory, House or Garden; clean, free from offensive odor. Full directions with each bag or package. Package, 35 cts.; by mail, 50 cts.; 5 lb. bag, 75 cts.; 10 lbs., \$1.25; 50 lbs., \$3.50.

**Bowker's Kitchen Garden Fertilizer.** A general kitchen garden manure; may be used on all garden crops, fruits, etc.; easily applied, free from weed seeds, and will give as large crops as stable manure. It has very little odor, and clean to handle.

|                                           |         |
|-------------------------------------------|---------|
| Sample bag for 250 square feet of garden, | 25 cts. |
| " " " 500 " " " "                         | 50 cts. |
| " " " 1000 " " " "                        | \$1.00. |
| 50 lb. " " 2500 " " " "                   | 1.75.   |
| 100 lb. " " " of an acre,                 | 3.00.   |
| 200 lb. " " " " "                         | 5.50.   |

**Bowker's Lawn Dressing.** This dressing is prepared so that it acts gradually through the season. It may be applied at any time during the spring, summer, or autumn, or as often as the grass seems to need nourishment. It will restore many lawns to full luxuriance that have been nearly ruined by drought.

|                                         |         |
|-----------------------------------------|---------|
| Sample bag for 500 square feet of lawn, | 25 cts. |
| " " " 1000 " " " "                      | 50 cts. |
| " " " 2500 " " " "                      | \$1.00. |
| 50 lb. " " 5000 " " " "                 | 1.75.   |
| 100 lb. " " " of an acre                | 3.00.   |
| 200 lb. " " " " "                       | 5.50.   |

**Excelsior Flower Food.** Just the thing for pot plants. Full directions on each package. 15 cts. per package; 20 cts. postpaid; \$1.60 per doz., by express.

**Clay's Fertilizer.** This valuable imported manure is especially recommended to all who grow either fruit, flowers or vegetables, and wish to bring them to the highest perfection. Per cwt. (112 lbs.) \$7.00;  $\frac{1}{2}$  cwt. (56 lbs.) \$4.00.

**Land Plaster.** Excellent for composting, fertilizing or mixing with guano. 100 lb. bag, \$1.00; barrel, \$1.50; per ton, \$10.00.

## Canada Unleached Hardwood Ashes.



Indispensable as a lawn dressing or to apply to orchards. They should be applied late in fall or early in spring so that the rains and snows may leach the ashes and carry the elements down to the roots of grass or trees. Our ashes are screened and are in proper condition for

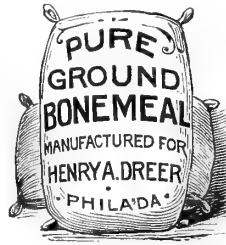
immediate use. Apply at the rate of 1000 to 1500 lbs. per acre. 50 lbs., \$1.00; per bbl., about 250 lbs., \$3.00; ton, \$20.00.

**Gilt-Edged Potato Manure.** This is a complete Potato Manure. Those who wish to grow a profitable crop of Potatoes, either in connection with stable manure or without, can do so by the use of the Gilt-Edged Potato Manure. We have made the price very low, considering its quality, so that every one can afford to use it. If stable manure is used put from 300 to 400 lbs. of Gilt-Edged per acre in the row at the time of planting. Without stable manure, put from 600 to 1000 lbs. per acre in the row at the time of planting.

Sack of 200 lbs., \$4.00; ton, \$35.00.

**Odorless Phosphate.** This is a new chemical compound. It is being used on the most extensive farms in our State. The results are marvellous on grain and root crops, small fruits, Lawn and Vegetable Garden. By its use the insects diminish, thus acting as a high-grade Fertilizer and an Insecticide. Price per bag of 200 lbs., \$3.00; per ton, \$22.00.

Procuring our supplies from honorable houses we are confident



**Pure Ground Bone.** Excellent for restoring and quickening grass plots, gardens, etc. Apply 400 to 600 lbs. to the acre. 5 lbs., 25 cts.; 10 lbs., 50 cts.; 25 lbs., \$1.00; 50 lbs., \$1.50; 100 lbs., \$2.50. Sack of 200 lbs., \$4.00; per ton, \$35.00.

**Pure Bone Meal.** Ground expressly for our trade. Better than Ground Bone for mixing with potting soil, as it is much

finer and in better condition for giving immediate effect. 5 lbs., 25 cts.; 10 lbs., 50 cts.; 25 lbs., \$1.00; 50 lbs., \$1.50; 100 lbs., \$2.50; 200 lb. sack, \$4.00; per ton, \$35.00.

**Bone Flour.** Ground perfectly fine; an excellent fertilizer for pot plants or beds where an immediate effect is wanted. 5 lbs., 25 cts.; 25 lbs., \$1.25; 100 lbs., \$3.00; bag or bbl. of 200 lbs., \$5.00; per ton, \$40.00.

**Coarse Bone.** Ground coarse, for grape borders and poultry. 5 lbs., 25 cts.; 10 lbs., 50 cts.; 25 lbs., \$1.00; 50 lbs., \$1.50; 100 lbs., \$2.50; 200 lb. bag, \$4.00; per ton, \$35.00.

**Bone Parings.** This is an excellent fertilizer for mixing with soil; the parings are from pure Bone, and are free from all flesh and decayed matter. 5 lbs., 25 cts.; 25 lbs., \$1.00; 50 lbs., \$1.50; 100 lbs., \$2.50.

**Pulverized Sheep Manure.** Excellent for mixing with potting soil or lawn dressing. 100 lb. sack, \$3.75.

**Pure Peruvian Guano.** The quantity used per acre is three to four hundred pounds; before using, mix with loam or plaster. It should not be mixed with lime, ashes, muck or clay; nor should it come in contact with growing plants when used in a dry state.  $1\frac{1}{2}$  lb. box, 15 cts.; 3 lb. box, 25 cts.; 5 lbs. in a bag, 40 cts.; per 100 lbs., \$4.00; per sack of about 195 lbs., \$7.00; per ton, \$65.00.

**Granulated Tobacco.** For fertilizing lawns, etc.; will keep the lawn green and will not burn nor injure it in any way. 5 lbs., 25 cts.; 25 lb. bag, \$1.00; bbl., 200 lbs., \$5.00.

**Powdered Tobacco and Sulphur.** An odorless and clean fertilizer, and effective as an insect destroyer. 5 lb. bag, 40 cts.; 25 lbs., \$1.50; 100 lbs., \$5.00.

**Salt.** For top dressing lawns or asparagus beds. Apply very early in spring at the rate of eight to ten hundred pounds per acre. 200 lbs., \$1.50; per ton, \$10.00.

**Kainit.** One of the most useful ingredients for making "Commercial" fertilizers or using alone. Apply at the rate of 1000 lbs. per acre. If used on lawns it should be spread before the grass begins to grow. 200 lbs., \$2.00; per ton, \$16.00.

## THE EUREKA FUMIGATOR.

(Galvanized.)

An effectual apparatus for the fumigation of Greenhouses, Conservatories, Frames, Hospitals, Ships, Poultry-houses, or Rooms. It is of simple construction, and not liable to get out of order. When once lit it is self-acting, and may be left in the house with perfect safety; all the material is completely consumed without waste, and gives off a dense smoke. Made of extra heavy sheet iron.

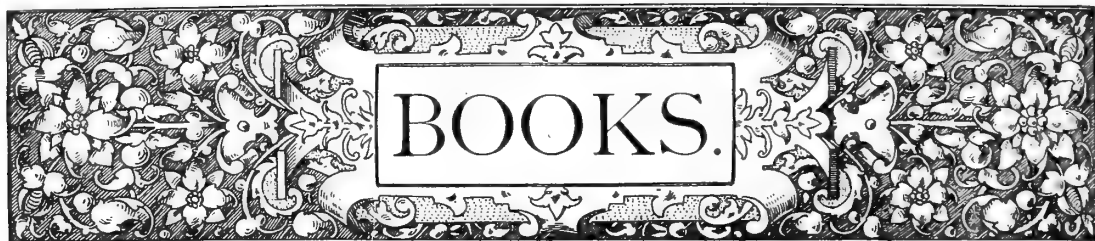
No. 1. Height 12 in., diam. at top 5 in. For a house 10x20 ft. Holds  $\frac{1}{2}$  peck of stems. \$1.25.

No. 2. Height 16 in., diam. at top 7 in. For a house 12x40 ft. Holds 1 peck of stems. \$2.00.

No. 3. Height 20 in., diam. at top 9 in. For a house 15x100 ft. Holds  $\frac{1}{2}$  bush. stems. \$2.50.

No. 4. Height 24 in., diam. at top 12 in. For a house 20x100 ft. Holds  $\frac{1}{2}$  bush. of stems. \$3.50.





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MAILED POSTPAID ON RECEIPT OF PRICE.

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### HORSES, CATTLE, ETC.

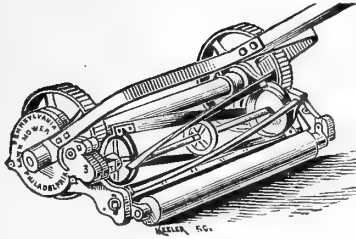
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### MISCELLANEOUS.

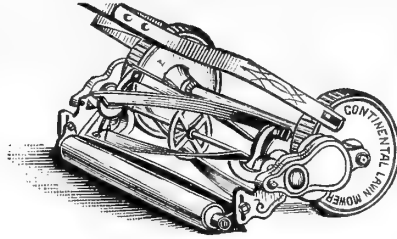
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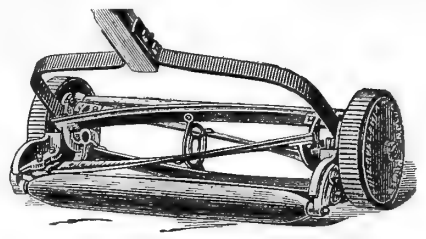
# LAWN MOWERS.



PENNSYLVANIA LOW WHEEL.



CONTINENTAL LOW WHEEL.



PHILADELPHIA.

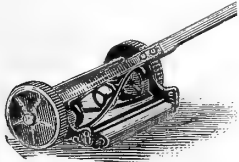
## Continental and Pennsylvania.

| Low Wheel.   |        | High Wheel.  |         |
|--------------|--------|--------------|---------|
| 10 inch..... | \$5.75 | 15 inch..... | \$11.00 |
| 12 ".....    | 6.75   | 17 ".....    | 12.25   |
| 14 ".....    | 7.65   | 19 ".....    | 13.50   |
| 16 ".....    | 8.50   | 21 ".....    | 15.00   |
| 18 ".....    | 9.50   |              |         |

## Philadelphia Mower.

|              |        |
|--------------|--------|
| 10 inch..... | \$5.25 |
| 12 ".....    | 6.00   |
| 14 ".....    | 6.85   |
| 16 ".....    | 7.75   |
| 18 ".....    | 8.50   |

## RAPID TRANSIT MOWER.



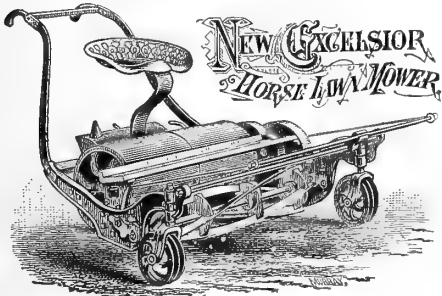
RAPID TRANSIT.

We offer the Rapid Transit Mower this season for the first time, and feel safe in saying it is the best Mower on the market for the money. We positively guarantee it. This Mower is all that the name indicates; it is well constructed; the popularity of the makers is sufficient to guarantee this. The sizes made are those suitable for small and medium-sized lawns, and are sold at figures never before named for this quality of a Lawn Mower.

12 inch..... \$5.00 | 14 inch..... \$5.50 | 16 inch..... \$6.00

## NEW PONY OR TWO-MAN LAWN MOWER.

This is an entirely new machine. It is constructed exactly like the Continental High Wheel, but heavier and much stronger. It will fill the long-felt want of a Pony Mower at reasonable price. Width of cut, 25 inches. Price, \$35.00.

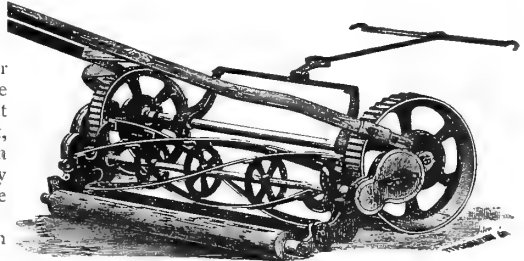


EXCELSIOR.

## New Excelsior Horse Lawn Mower.

The New Excelsior Horse Lawn Mowers are furnished with shafts, seat and side draft attachment, which keeps the horse on the cut grass only. Every Mower warranted to give complete satisfaction.

Net prices—30 inch cut, \$66.00; 35 inch, \$80.00; 40 inch, \$100.00.



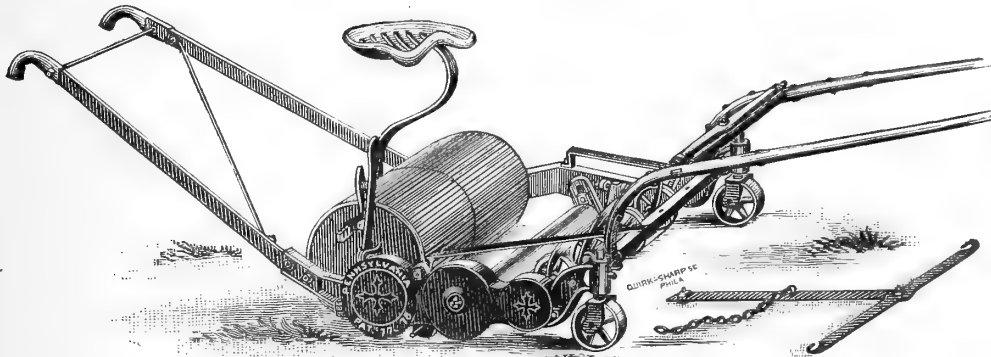
NEW PONY OR TWO-MAN MOWER.

We can supply a smaller size Excelsior Horse Lawn Mower for hilly lawns, and lawns full of trees and shrubs. It has no seat nor shafts; the horse is hitched to a singletree attached, which allows the horse to turn in and out among the trees. Our net price for this 25-inch Mower is \$40.00. If desired, we can furnish shafts and side draft attachment for this Mower for \$8.00 extra.

## PHILADELPHIA HORSE LAWN MOWER.

30 inch cut, closed wiper, draft rod and handle, \$65.00; complete with shaft and seat, \$75.00; with side draft attachment for shaft, \$2.00. 36 inch, open wiper, complete shaft seat, 450 lbs., \$120.00.

## PENNSYLVANIA HORSE LAWN MOWER.—Open Cylinder.



Showing Mower with seat and spring, shafts and handles. Draft irons detached. Width of cut, 30 inches. Weight, 320 lbs. This machine is made wholly of iron and steel, with the gearing neatly boxed. It has an open cylinder, and all the bearings, including the knives, are made of solid cast-steel. It is thoroughly and sub-

stantially built, and will give satisfaction. With draft irons only, \$70.00; with draft irons and seat, \$74.00; with shafts, seat and draft irons, \$79.00. The draft irons are for use either with or without the shafts, to enable the horse to draw the machine without treading on the uncut grass.

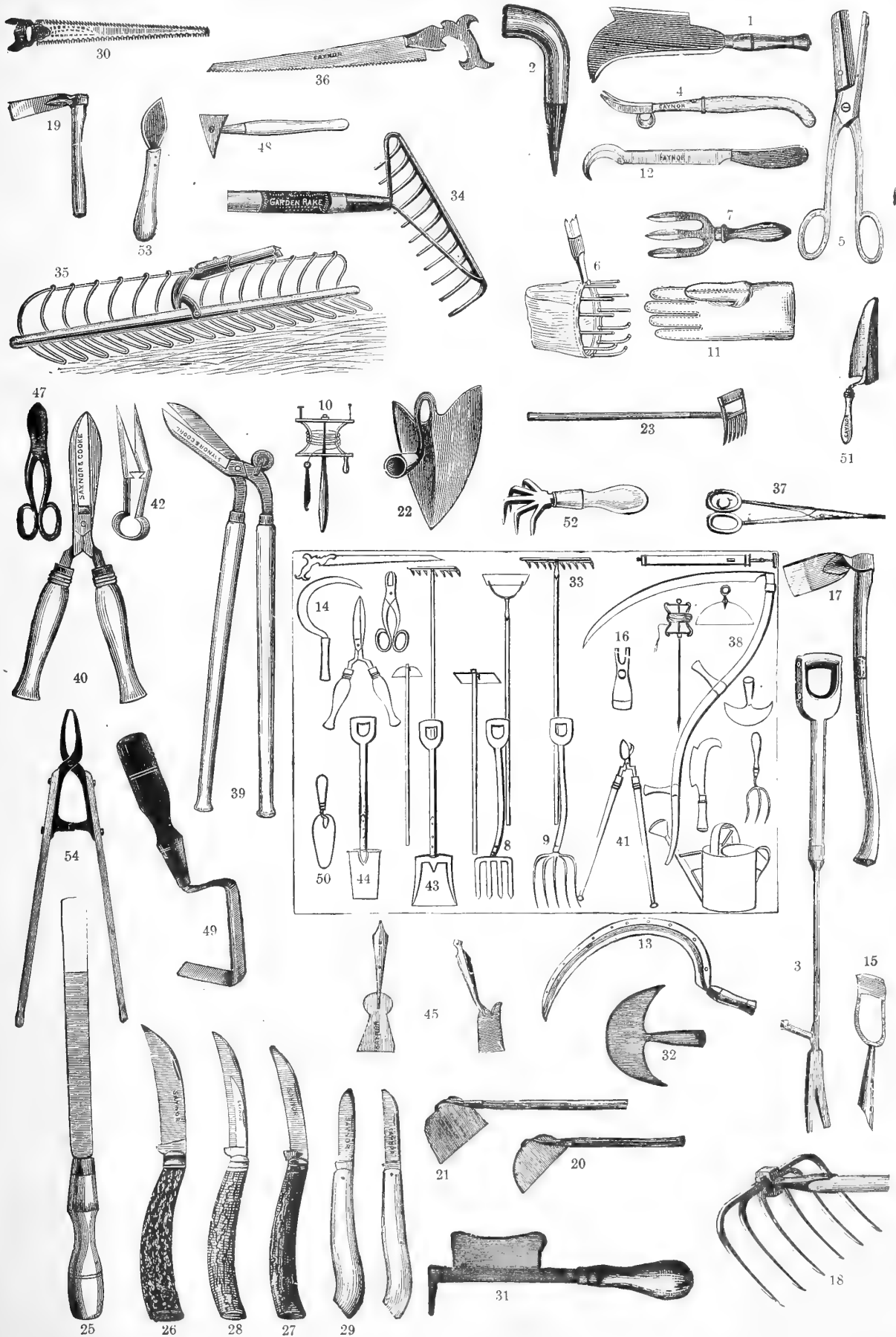
**Lawn Mower Oil.** An oil especially adapted for use on Lawn Mowers. Will not gum. Per qt., 50 cts.; per gal., \$1.50. Oiler containing one pint, 25 cts.

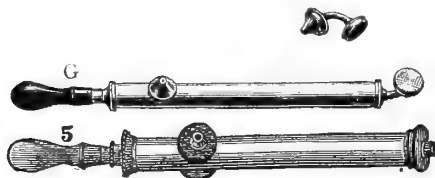
**Horse Boots.** For use on Lawn. They are made of strong leather, fastened with copper rivets, and will wear a long time. Per set of 4 riveted, heavy flat soles, \$10.00. Riveted, round soles, \$12.00.

## GARDEN AND FARM IMPLEMENTS,

Of leading English and American manufacture, made from best material and newest patterns.

|                                                                                                                                                  | EACH.                  |                                                                                                                                               | EACH.             |
|--------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
| <b>Axe</b> , handled, medium.....                                                                                                                | \$1.00                 | <b>Rakes</b> , Solid Steel Garden, 6 teeth, 30 cts.; 8 teeth, 35 cts.; 10 teeth, 40 cts.; 12 teeth, 50 cts.; 14 teeth, 55 cts., 16 teeth..... | \$0.60            |
| " " small.....                                                                                                                                   | .85                    | " Wrought Iron Garden, 12 teeth, 70 cts.; 14 teeth.....                                                                                       | .80               |
| (1) <b>Bill Hook</b> .....                                                                                                                       | 1.25                   | " (34) Bow, 9 teeth, 40 cts.; 11 teeth, 50 cts.; 13 teeth, 65 cts.; 15 teeth.....                                                             | .75               |
| <b>Brush Hook</b> , handled.....                                                                                                                 | 1.50                   | " (35) Gem Lawn.....                                                                                                                          | .60               |
| <b>Crowbars</b> , Steel, 12 to 20 lbs.....                                                                                                       | Per lb., .08           | <b>Rakes, Wooden Lawn.</b> These we consider the best patterns, and the most useful Lawn Rakes.                                               |                   |
| (2) <b>Dibble</b> , improved, iron point.....                                                                                                    | .75                    | " Lawn King, 22 teeth, 40 cts.; 26 teeth.....                                                                                                 | .50               |
| " " brass ".....                                                                                                                                 | .60                    | " Automatic, 22 teeth, 60 cts.; 26 teeth.....                                                                                                 | .70               |
| (3) <b>Dock Extractor</b> , or Lifter.....                                                                                                       | 2.00                   | " Philadelphia, 50 teeth.....                                                                                                                 | 1.00              |
| (4) <b>English Dock and Weed Lifter</b> .....                                                                                                    | 1.25                   | " Hay, wooden, 11 teeth.....                                                                                                                  | .25               |
| " " " <b>Plantain Lifter</b> , for hand.....                                                                                                     | .50 cts. and .75       | " Lawn, wooden, 14 teeth.....                                                                                                                 | .30               |
| (5) <b>Fruit and Flower Gatherer</b> , English, small, \$1; medium, \$1.20; large.....                                                           | 2.00                   | <b>Rattan Brooms.</b> For walks or stables.....                                                                                               | .75               |
| <b>Fruit and Flower Gatherer</b> , American, plain, 85 cts.; Nickel.....                                                                         | 1.00                   | <b>Cocoa Brooms.</b> 9 in., 50 cts.; 12 in.....                                                                                               | .60               |
| (6) <b>Fruit Picker</b> , Crider's Adjustable.....                                                                                               | .75                    | <b>Saws (36).</b> Pruning, Disston, 14 in., 75 cts.; 16 in., 85 cts.; 18 in., \$1; 20 in., \$1.15; 24 in.....                                 | 1.25              |
| " " Boss.....                                                                                                                                    | .75                    | " (30) Lightning, double cutting, Avery, 16 in., 65 cts.; 18 in., 75 cts.; 20 in., 85 cts.; 22 in.....                                        | 1.00              |
| <b>Floral Sets</b> , or Garden Tools, for ladies and children, 35 cts., 50 cts. and 75 cts. Large Strong Floral Sets, in boxes.....              | 1.50                   | <b>Scissors (47).</b> Bow Handle Pruning. 4 in., 85 cts.; 5 in., \$1; 6 in., \$1.25; 7 in.....                                                | 1.50              |
| (7) <b>Forks</b> , Hand weeding, English blue.....                                                                                               | .50 cts. .75           | " (37) For thinning Grapes. 6 in., \$1; 7 in., \$1.25; 8 in.....                                                                              | 1.50              |
| " " American.....                                                                                                                                | \$1.20 2.30            | <b>Scythes</b> , English Lawn, riveted back. 30 in., \$1.15; 34 in., \$1.30; 36 in., \$1.40; 38 in.....                                       | 1.50              |
| (8) " Digging, or spading, 4 prong.....                                                                                                          | .75                    | " American, of best steel.....                                                                                                                | .75               |
| " " " 5 ".....                                                                                                                                   | 1.00                   | " Bush or Brier.....                                                                                                                          | .50 and .75       |
| " " Manure, long handle, 4 tine, heavy.....                                                                                                      | .60                    | " (38) Marston Scythe and Snath, complete.....                                                                                                | 1.50              |
| " " Manure, D " 4 " medium.....                                                                                                                  | .60                    | <b>Scythe Stones.</b> Darby, 10 cts; Talacre.....                                                                                             | .20               |
| " " Manure, D " 4 " heavy.....                                                                                                                   | .75                    | <b>Rifles</b> , 10 cts. <b>Snaths.</b> The best pattern.....                                                                                  | .60               |
| (9) " Manure, D " 5 " medium.....                                                                                                                | .80                    | <b>Shears</b> , Grass Border, 8 in. blade, \$2.50; 10 in.....                                                                                 | 3.00              |
| " " Hay and Straw, long handle, 3 tine, medium, 50 cts.; 2 tine, medium.....                                                                     | .40                    | " (39) Grass Border, with wheel, 8 in. blade, \$3; 10 in.....                                                                                 | 3.50              |
| (10) <b>Garden Reels</b> , Iron, painted.....                                                                                                    | .85 cts. and 1.00      | " Grass Border, 2 wheels, 8 in. blade, for cutting on narrow borders under fences and shrubs.....                                             | 3.00              |
| " " Extra heavy, galvanized. Single.....                                                                                                         | 1.25                   | " (40) Hedge, English, with notch, 8 in., \$2; 9 in., \$2.25; 10 in.....                                                                      | 2.50              |
| " " Double.....                                                                                                                                  | 2.25                   | " Hedge, German, with notch, 7 in., \$1.75; 9 in., \$2.25; 10 in., \$2.50; 12 in.....                                                         | 3.00              |
| <b>Garden Lines</b> , best Italian flax, 60 ft., 30 cts.; 90 ft., 45 cts.; 120 ft., 60 cts.; 150 ft., heavy, 75 cts.; extra quality, 300 ft..... | 1.75                   | " (41) Lopping, Saynor. Very powerful.....                                                                                                    | \$2.25 4.50       |
| (11) <b>Gloves</b> , Pruning. Per pair.....                                                                                                      | .75 cts. and 1.00      | " (42) Sheep, English. For grass, 6 in., 85 cts.; 7½ in., 1.15                                                                                |                   |
| (12) <b>Gooseberry Pruner</b> , for thorny bushes.....                                                                                           | 1.00                   | " Sheep, English, with inside spring, 7½ in.....                                                                                              | 1.25              |
| (13) <b>Grass Hooks</b> , or Sickles, English. Riveted back. No. 0, 50 cts.; No. 1, 60 cts.; No. 2, 70 cts.; No. 3.....                          | .80                    | " Sheep, American, 7 in. blade.....                                                                                                           | .75               |
| (14) <b>Grass Hooks</b> , American. Plain back, No. 2, 40 cts.; No. 3.....                                                                       | .50                    | <b>Showels</b> , Round Point, polished, No. 2, D handle.....                                                                                  | 1.00              |
| <b>Grass Hooks</b> , Dutch steel, 2 sizes.....                                                                                                   | .40 cts. and .50       | " (43) Square Point, polished, No. 2.....                                                                                                     | .90               |
| <b>Hoe</b> , Celery, 14 inch.....                                                                                                                | 2.00                   | " Long handle, Round Point, No. 2.....                                                                                                        | .85 cts. and 1.00 |
| " (15) Dutch, or Scuffle, 4 in., 40 cts.; 5 in., 50 cts.; 6 in., 60 cts.; 7 in., 65 cts.; 8 in., 70 cts.; 9 in., 80 cts.; 10 in.....             | .90                    | " Adjustable Draining, small, \$1.10; large.....                                                                                              | 1.25              |
| " Garden, with sharp point.....                                                                                                                  | .30                    | <b>Spades (44).</b> Ames', polished, No. 1, \$1; No. 2, \$1.15; No. 3.....                                                                    | 1.25              |
| " (16) Garden, 2 prongs.....                                                                                                                     | .30                    | " Bartlett's, polished, No. 1.....                                                                                                            | .80               |
| " (17) Grubbing.....                                                                                                                             | 1.00                   | " Bartlett's, polished, No. 2.....                                                                                                            | .90               |
| " (18) Hexamer's Improved, 6 prong.....                                                                                                          | 1.25                   | " Bartlett's, polished, No. 3.....                                                                                                            | 1.00              |
| " Superb, 3 cornered.....                                                                                                                        | .50                    | " Griffith's, nursery, No. 2, full strapped.....                                                                                              | 1.15              |
| " (19) Tomato, for transplanting tomatoes.....                                                                                                   | .50                    | <b>Spuds</b> , Long Handle, for thistles and docks.....                                                                                       | .50               |
| " (20) Half Moon, solid socket, 3 in., 30 cts.; 4 in., 35 cts.; 5 in., 40 cts.; 6 in., 45 cts.; 7 in., 50 cts.; 8 in.....                        | .60                    | " " with foot-rest.....                                                                                                                       | .75               |
| " (21) Square, solid socket, 6 in., 50 cts.; 7 in., 60 cts.; 8 in.....                                                                           | .70                    | " (45) for thistles and docks, English, 35 cts., 50 cts. and 75 cts.....                                                                      | .75               |
| " (22) Warren, 3 sizes.....                                                                                                                      | .45, 60 and .75        | <b>Thermometers</b> , Tin, Japanned, 8 in., 25 cts.; 10 in.....                                                                               | .30               |
| " (23) Weeding Hoe and Rake, 4 teeth, 50 cts.; 6 teeth Trowel-shaped.....                                                                        | .60                    | " Boxwood, white or black.....                                                                                                                | .12 inch .25      |
| (24) <b>Knife</b> , Asparagus, 14 in. long, with saw, Eng'h.....                                                                                 | 1.50                   | " Hot Bed or Dairy, glass floating.....                                                                                                       | .35 cts. and .40  |
| (25) " " " " plain, American.....                                                                                                                | .40                    | " Mushroom Bed, or Hot Bed, with brass end.....                                                                                               | 1.75              |
| <b>Knives (26).</b> Saynor's Pruning. The best, \$1.25; (27) \$1; (28).....                                                                      | 1.75                   | " Transparent, for windows. Small, \$1; large.....                                                                                            | 1.50              |
| " Pruning, other makes.....                                                                                                                      | .65 cts., 75 cts. 1.00 | " Self Registering, maximum and minimum.....                                                                                                  | 3.00              |
| " (29) Saynor's Budding.....                                                                                                                     | 1.25                   | <b>Tree Scrapers (48).</b> Short Handle.....                                                                                                  | .50               |
| " Budding, other makes.....                                                                                                                      | .75 cts., \$1. 1.25    | <b>Trowels (50).</b> American Garden, polished, 5 in., 12 cts.; 6 in., 15 cts.; 7 in., 20 cts.; 8 in.....                                     | .25               |
| " Pruning and budding combined, 75 cts.....                                                                                                      | 1.00                   | " (51) English Garden, polished, will outlast several of the American. 6 in., \$1; 7 in., \$1.10; 8 in.....                                   | 1.20              |
| " (31) Grafting, 75 cts.; small.....                                                                                                             | .50                    | " American (English pattern). Disston. 6 in., 50 cts.; 7 in.....                                                                              | .60               |
| " (32) Grass Edging, 8 in., \$1; 9 in.....                                                                                                       | 1.25                   | <b>Weeders (52).</b> Excelsior. Postpaid, 20 cts.....                                                                                         | .15               |
| " Corn, for cutting stalks.....                                                                                                                  | .50 cts., .75          | " (49) Hazeltine. Postpaid, 30 cts.....                                                                                                       | .25               |
| " Mattock, with handle.....                                                                                                                      | 1.25                   | " Lang's. Postpaid, 30 cts.....                                                                                                               | .25               |
| <b>Pick</b> , Railroad, handled, Steel.....                                                                                                      | 1.25                   | <b>Weeding (53) Spoon.</b> Postpaid, 30 cts.....                                                                                              | .25               |
| <b>Rakes (33).</b> Solid Steel Garden or Gravel, short teeth, 14 teeth, 50 cts.; 16 teeth, 60 cts.; 18 teeth.....                                | .70                    | <b>Weeding (54) Tongs.</b> Ricketson's, for removing docks, daisies, etc., from lawns.....                                                    | 1.50              |



**Deakin's Brass Garden Syringes.**

|        |   |                        |                     |        |
|--------|---|------------------------|---------------------|--------|
| No. A. | 1 | stream and spray rose, | 12 x 1 in.,         | \$2.25 |
| No. C. | 1 | " " " "                | 14½ x 1½ "          | 3.50   |
| No. 2. | 1 | " " " "                | 2 roses, 13½ x 1½ " | 4.50   |
| No. 3. | 1 | " " " "                | 2 " 18 x 1½ "       | 6.00   |
| No. 5. | 1 | " " " "                | 2 " 18 x 1½ "       | 6.50   |
| No. 7. | 1 | " " " "                | 2 " 18 x 1½ "       | 9.00   |

The best Knuckle Joint Syringe.

|        |   |                    |           |      |
|--------|---|--------------------|-----------|------|
| No. G. | 1 | stream and 1 rose, | 16 x 1½ " | 4.50 |
|--------|---|--------------------|-----------|------|

See cut above.



DEAKIN'S HYDRONETTE OR FOUNTAIN PUMP.

**Deakin's Double Action Fountain Pump.**

Of brass, and well made. Will throw a continuous stream. Excellent for syringing Conservatories and Greenhouses.

\$7.00.

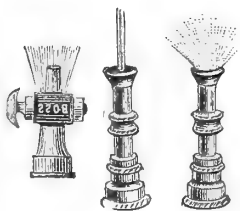
**Hose Nozzle.**

For throwing either fine or coarse spray, or straight stream.

Gem ..... \$0.75

Magic ..... .50

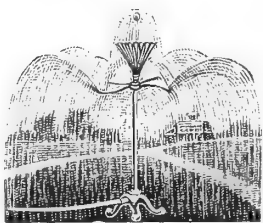
Boss (nickel) ..... 1.00

**Revolving Lawn Sprinklers.**

These we consider the very best patterns for the purpose for which they are designed, and also the best in point of wear.

Peck's 8 arm ..... \$5.

Peck's 4 arm ..... 4.



**Pefection.** Small revolving lawn and garden sprinklers. Screw to the hose and put the pin in the ground.

75 cts. each; by mail, 90 cts.

**The Crown Lawn Sprinkler.** This is the best small sprinkler ever offered. Cannot wear out. Lays flat on the ground and can be moved to any point at will.

\$1; postpaid, \$1.15.



INSECT POWDER BULB.



PURITY BULB.



SCOLLAY SPRINKLER.



ANGULAR SPRINKLER.

\$1; mail, \$1.10. \$1; by mail, \$1.10. Either, \$1; postp'd, \$1.10.

**American Heavy Watering Pot.**

Painted Green.



|                   |        |               |
|-------------------|--------|---------------|
| 4 quart Oval..... | \$1.75 | Round, \$1.50 |
| 6 " " .....       | 2.25   | " 1.75        |
| 8 " " .....       | 2.75   | " 2.25        |
| 12 " " .....      | 3.15   | " 2.75        |
| 16 " " .....      | 3.75   | " 3.00        |

**Light Round Watering Pots.**

|                             |        |
|-----------------------------|--------|
| 4 quart, painted green..... | \$ .60 |
| 6 " " " .....               | .75    |
| 8 " " " .....               | .90    |
| 12 " " " .....              | 1.25   |

**Galvanized Water Pots.**

A substantial water pot, and one we can recommend for constant use.

|              |        |
|--------------|--------|
| 4 quart..... | \$1.75 |
| 6 " .....    | 2.00   |
| 8 " .....    | 2.25   |
| 10 " .....   | 2.60   |
| 12 " .....   | 3.00   |

**Greenhouse Force and Lift Pump.**

Fig. 2 will throw a stream 75 feet.

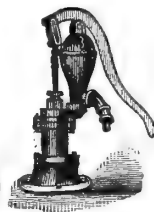
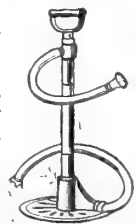


Fig. 0 will throw a stream or spray 40 ft. Very powerful. Arranged for 1-inch suction pipe.

**Excelsior Force Pump.**

EXCELSIOR.

(0) \$6.50; (2) \$8.00.

Compact, portable. Can be used for a variety of purposes. \$7.00.

**Water Barrel and Truck. (Fig. 4.)**

The barrel is INSTANTLY DETACHED, all WITHOUT HANDLING. Other barrels for various purposes can be used as needed, extra trunnions being furnished, if desired, which can be readily attached to any barrel. We have wheels of 1½, 2½ and 4 inches tire, BUT ALWAYS SEND TRUCK WITH WHEELS 1½ INCHES, UNLESS OTHERWISE SPECIFIED. We also supply as attachments, a **Box**, making a very superior DUMPING Handcart. A **Sprinkler** for watering lawns and sprinkling walks. **Leaf Rack** holding ½ cartload made to fit truck and easily transported



(4)

WATER BARREL, TRUCK AND FORCE PUMP.

over the ground. A **Force Pump** (Fig. 4) for washing windows and carriages, spraying trees and shrubbery with insecticides, watering plants, etc. It is all brass, works very easily, and throws a stream 40 feet.

PRICES.

|                                     |         |
|-------------------------------------|---------|
| Truck and Barrel, 1½ inch tire..... | \$10.00 |
| " " " 2½ " " .....                  | 11.50   |
| " " " 4 " " .....                   | 13.00   |
| Extra Barrel.....                   | \$2.25  |
| Extra Trunnions, per pair. .50      |         |
| Force Pump Attachment (Fig. 4)..... | \$ 6.00 |
| Leaf Rack Attachment.....           | 6.00    |
| Handcart Box.....                   | 3.00    |
| Sprinkler Attachment.....           | 3.00    |

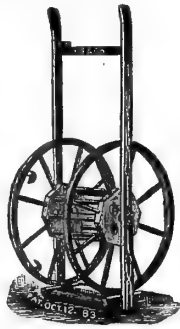


**Hose Reels.**

|              |                                    |        |
|--------------|------------------------------------|--------|
| Holly, No. 1 | holds 100 ft., $\frac{3}{4}$ hose, | \$3.25 |
| " 2          | " 150 " " "                        | 4.00   |
| " 3          | " 200 " " "                        | 3.50   |
| Daisy,       | " 100 " " "                        | 1.00   |
| Sylph,       | " 150 " " "                        | 2.25   |

**Hose Menders.**

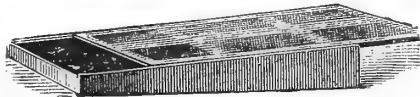
|                                   | Each. | Doz.   |
|-----------------------------------|-------|--------|
| Woodason, $\frac{3}{4}$ inch..... | 8     | \$0.75 |

**Rubber Hose.**

**Armored Hose** in 25 and 50 foot lengths,  $\frac{3}{4}$  inch, at 18 cents per foot.

Best 3-ply  $\frac{3}{4}$  inch Rubber Hose—10, 12, 15, 18, 20 and 25 cents per foot, according to quality.

Price for other sizes on application.

**Patent Plant Bed Cloth.**

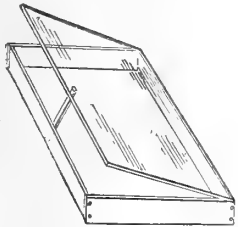
A cheap substitute for glass and will keep out many degrees of frost. Also useful for shading material. Light grade, 5 cts. per yard; per piece of about 65 yards, \$2.75.

Medium grade, 10 cts. per yard; per piece of about 40 yards, 8 cts. per yard.

Heavy grade, 13 cts. per yard; per piece of about 40 to 60 yards, 11 cts. per yard.

Samples mailed on application.

**Straw Mats**, for covering hot-bed sashes, etc. 3 ft. by 6 ft., \$1.00, \$10 per doz.; 6 ft. by 6 ft., \$1.50 each, \$15 per doz.

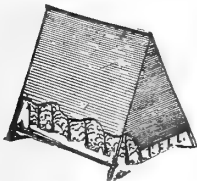
**House Frames.**

A very useful appliance for raising seeds in the house. We make them in two sizes. No. 1. 16 inches long, 12 $\frac{1}{2}$  inches wide and 4 inches deep. Without glass, 40 cts. With glass, complete, 50 cts.

No. 2. 24 inches long, 12 inches wide and 4 inches deep. Without glass, \$1.00. With glass, complete, \$1.25.

**Hotbed Sash.**

3x6, Unglazed, \$1.15. Glazed, \$2.25.

**Hawk's Plant Protectors.**

A cheap and serviceable plant protector. By using them many plants can be forwarded at least two or three weeks. \$3.00 per doz.

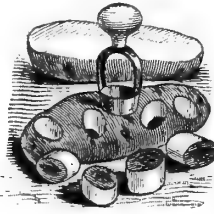


Cut a thin slice from center of Potato, hold up to light and see feeders as in small cut.

**Concave Potato Knife.**

For cutting seed potatoes. This is undoubtedly the best knife for the purpose. Cut a thin slice from centre of Potato, hold up to light and see feeders as in small cut.

25 cts. each; postpaid, 30 cts.

**The Lightning Potato Eye Cutter**

does the work many times faster and is more accurate than the knife. It is gauged to cut enough flesh with each eye to strengthen and vitalize it and does the work in a scientific manner. No matter how small a crop you intend to plant, you should use this cutter.

25 cts. each; 30 cts. postpaid.

**German Pruning Shears.**

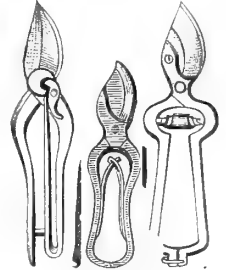
No. 5. Steel blades, coiled steel spring, which cannot drop out.

8 inch, \$1.00; 9 inch, \$1.25.

**Perfection Pruning Shears.** No. 3. Made entirely of steel, and adapted to light or heavy pruning; requires little labor, and makes a smooth cut. 7 inch, \$2.25; 8 inch, \$2.75; 9 inch, \$3.00.

**English Rose Pruning Shears.** No. 4. Wrought iron handles, steel blade and spring. A good tool. \$2.50.

**Pruning Gloves.** Made of extra heavy buckskin. \$1.00 to \$2.00 per pair.



No. 3. No. 4. No. 5.



WATERS  
IMPROVED  
TREE PRUNER.



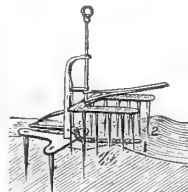
LEE'S TREE  
PRUNER.

The hook encircles the limb. The blade being supported on both sides, enables it to be made very thin, making an easier and smoother cut; the blade is connected by a rod and pole from 4 to 14 feet long. Extra cutting blades by mail, 30 cents.

4 feet pole... \$1.25 | 8 feet pole... \$1.75 | 12 feet pole... \$2.25  
6 " " " 1.50 | 10 " " " 2.00 | 14 " " " 2.50

**Lee's New Pole Tree Pruner.** Hook and blade same as the Waters. Can be placed on a pole of any length; is made entirely of wrought iron and steel, reliable in every respect. \$1.75. Extra blade by mail, 30 cts.

**Disston's Little Giant Pruner.** \$1.50. and Saw. \$2.00.



PERFECTION.

**Perfection Mole Trap.**

Considered by many the most perfect trap on the market. Seldom fails to catch the mole. \$2.50 each.

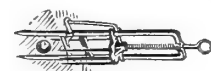
**English.** Made entirely of wrought iron, 30 cts. By mail, 40 cts.



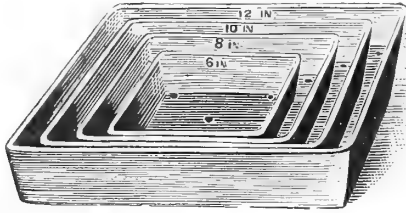
ENGLISH.

**Olmsted's Mole Trap.**

Operated either by spring or weight, or both. \$1.50.

**Hale's Mole Trap.**

The best trap, and has given universal satisfaction. \$2.00.



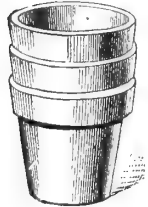
**Square Seed Pans.**

| Each.              | Dozen. | Each.               | Dozen. |
|--------------------|--------|---------------------|--------|
| 6 inch.....22 cts. | \$2.20 | 10 inch.....35 cts. | \$3.50 |
| 8 ".....27 "       | 2.70   | 12 ".....45 "       | 4.50   |



**Round Lily Pans.**

| 8 in. diam.; 4 in. deep. | Each. | Dozen. |
|--------------------------|-------|--------|
| 10 " " 5 " "             | .25 " | 2.50   |
| 12 " " 6 " "             | .30 " | 3.00   |
| 14 " " 7 " "             | .35 " | 3.50   |
| 16 " " 8 " "             | .40 " | 4.00   |
| 18 " " 9 " "             | .50 " | 5.00   |



**Standard Flower Pots.**

These pots are all full inside measurement, height and width, which makes them at least one size larger than by the old way of measuring.

| Sizes.    | Dozen. | 100.   | 1000.  | Sizes. | Dozen. | 100.   |
|-----------|--------|--------|--------|--------|--------|--------|
| 1 1/2 in. | \$ .08 | \$0.50 | \$4.00 | 6 in.  | \$ .56 | \$3.75 |
| 2 " "     | .09    | .55    | 4.50   | 7 " "  | .84    | 5.60   |
| 2 1/2 " " | .10    | .60    | 5.00   | 8 " "  | 1.17   | 7.80   |
| 3 " "     | .11    | .70    | 5.75   | 9 " "  | 2.06   | 13.75  |
| 3 1/2 " " | .12    | .80    | 6.50   | 10 " " | 2.38   | 15.95  |
| 4 " "     | .18    | 1.25   | 10.00  | 11 " " | 3.28   | 21.85  |
| 4 1/2 " " | .21    | 1.45   | 11.50  | 12 " " | 3.75   | 25.00  |
| 5 " "     | .33    | 2.25   | 18.00  | 14 " " | 5.85   | 38.75  |

No charge for barrels for packing.

**Pot Stands or Saucers.**

| Size.       | Dozen.   | 100.   | Size.       | Dozen.   | 100.   |
|-------------|----------|--------|-------------|----------|--------|
| 4 inch..... | .25 cts. | \$1.90 | 8 inch..... | .65 cts. | \$4.75 |
| 5 ".....    | .30 "    | 2.25   | 9 ".....    | .90 "    | 6.50   |
| 6 ".....    | .40 "    | 3.00   | 10 ".....   | \$1.10 " | 7.75   |
| 7 ".....    | .55 "    | 3.75   | 11 ".....   | 1.40 "   | 9.75   |
|             |          |        | 12 ".....   | 1.65 "   | 10.75  |
|             |          |        | 14 ".....   | 1.90 "   | 12.50  |

**ORCHID BASKETS (Earthenware).**

|                     |               |                  |
|---------------------|---------------|------------------|
| Square, 4 inch..... | 25 cts. each. | \$2.50 per dozen |
| " 6 ".....          | 30 "          | 3.00 "           |
| " 8 ".....          | 35 "          | 3.50 "           |
| Round, 6 ".....     | 25 "          | 2.50 "           |
| " 8 ".....          | 35 "          | 3.50 "           |
| " 10 ".....         | 45 "          | 4.50 "           |

**ORCHID PANS (Earthenware).**

|                    |               |                  |
|--------------------|---------------|------------------|
| Round, 6 inch..... | 35 cts. each. | \$4.00 per dozen |
| " 8 ".....         | 45 "          | 5.00 "           |
| " 10 ".....        | 55 "          | 6.00 "           |
| " 12 ".....        | 65 "          | 7.00 "           |
| " 14 ".....        | 75 "          | 8.00 "           |

**SQUARE ORCHID BASKETS (Wood).**

6 in., 40 cts. each; 8 in., 55 cts. each; 10 in., 70 cts. each; 12 in., 85 cts. each.

**Virgin Cork for Orchids.**

Per lb., 25 cts.; 25 lbs., \$5.00; 100 lbs., \$15.00.

**Rustic Hanging Baskets.**

| Round Bowl—                | Oval Bowl—                 |
|----------------------------|----------------------------|
| No. 2..... 8 in.....\$1.50 | No. 1.....10 in.....\$1.25 |
| " 3..... 9 ".....2.00      | " 2.....11 ".....1.50      |
| " 4.....10 ".....2.50      | " 3.....13 ".....2.50      |
|                            | " 4.....15 ".....3.50      |

We also carry a Full Line of Rustic Settees, Arm Chairs, Lawn Vases and Stump Boxes.



**Improved White Cedar Tree Tubs.**

Made of white cedar and bound with extra heavy iron hoops. Substantial iron legs of original design. Removable perforated bottoms. Painted green. If desired, we can supply these tubs in bright English vermilion, charging 10 per cent. advance.

|                                  |                          |        |
|----------------------------------|--------------------------|--------|
| No. 0..27 in. outside diameter.. | 24 in. length of stave.. | \$7.00 |
| " 1..25 " " " " " "              | " " " " " "              | 6.00   |
| " 2..23 " " " " " "              | " " " " " "              | 5.00   |
| " 3..21 " " " " " "              | " " " " " "              | 4.25   |
| " 4..18 " " " " " "              | " " " " " "              | 3.50   |
| " 5..16 " " " " " "              | " " " " " "              | 3.00   |
| " 6..14 " " " " " "              | " " " " " "              | 2.75   |
| " 7..13 " " " " " "              | " " " " " "              | 2.50   |
| " 8..12 " " " " " "              | " " " " " "              | 2.15   |

**PLANT STAKES.**

| 1 1/2 ft., painted green.             | Per dozen,  | .20 cts. | Per 100,    | \$1.00 |
|---------------------------------------|-------------|----------|-------------|--------|
| 2 " " " " " "                         | " " " " " " | .30 "    | " " " " " " | 2.00   |
| 2 1/2 " " " " " "                     | " " " " " " | .35 "    | " " " " " " | 2.50   |
| 3 " " " " " "                         | " " " " " " | .40 "    | " " " " " " | 3.00   |
| 3 1/2 " " " " " "                     | " " " " " " | .55 "    | " " " " " " | 3.75   |
| 4 " " " " " "                         | " " " " " " | .70 "    | " " " " " " | 4.50   |
| 5 " " " " " "                         | " " " " " " | .80 "    | " " " " " " | 5.50   |
| 3 " Dahlia, heavy, painted green, " " | " " " " " " | .70 "    | " " " " " " | 4.50   |
| 4 " " " " " "                         | " " " " " " | .85 "    | " " " " " " | 5.50   |
| 5 " " " " " "                         | " " " " " " | 1.00 "   | " " " " " " | 7.00   |
| 6 " " " " " "                         | " " " " " " | 1.25 "   | " " " " " " | 9.00   |

**Unpainted Stakes for Chrysanthemums, etc.**

| 3 1/2 feet long, 1 inch in diameter..... | Per 100. | Per 1000. |
|------------------------------------------|----------|-----------|
| 3 1/2 " " " " " "                        | \$1.00   | \$9.00    |
| 3 1/2 " " " " " "                        | 1.25     | 10.00     |
| 3 1/2 " " " " " "                        | 1.75     | 15.00     |
| 3 " " " " " "                            | .75      | 6.00      |

**Cane Plant Stakes.**

From six to eight feet in length, can be cut to any desired size. Being light and durable they are adapted for supporting Roses, Carnations, etc. Price per 100, \$1; per 1000, \$8.

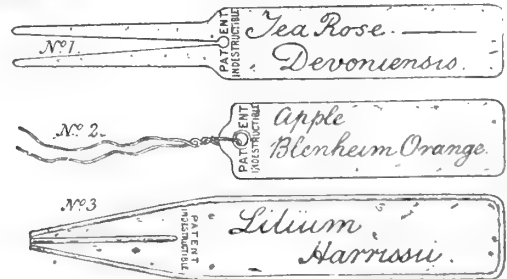
**Painted Pot Labels.**



| 100.            | 1000.  | 100.        | 1000.  |
|-----------------|--------|-------------|--------|
| 3 1/2 in... .10 | .90    | 6 in... .25 | \$1.50 |
| 4 " " " .12     | \$1.00 | 8 " " " .35 | 3.00   |
| 4 1/2 " " .15   | 1.15   | 10 " " .50  | 4.50   |
| 5 " " .20       | 1.25   | 12 " " .75  | 6.00   |

**Painted Tree Labels.**

3 1/2 inch, notched or pierced—15 cts. per 100; \$1.00 per 1000.



**Indestructible Copper Labels.**

Made of prepared copper, very thin and pliable; can be written on with a pencil or pointed piece of wood, which indents the copper, leaving a permanent impression. A little white lead, rubbed with the finger on the face of the label before the name is written, will make it more conspicuous.

|                                |        |                           |        |
|--------------------------------|--------|---------------------------|--------|
| 1. Copper, 20 doz., per gross. | \$1.50 | Zinc, 15 doz., per gross. | \$1.30 |
| 2. " 25 " " "                  | 2.00   | " 20 " " "                | 1.75   |
| 3. " 30 " " "                  | 2.25   |                           |        |

**Zinc Tree Labels.**

Small, 60 cts. per 100; medium, \$1.50; large, \$3.

Indelible Ink, for zinc labels. Per bottle, 25 cts.

Indelible Marking Pencil, purple. 10 cts. each.

Copper Wire, for tree labels. Bunch, 10 cts.; lb. 50 cts.

## SEED DRILLS.

MATTHEWS' MARKET  
GARDENER DRILL.

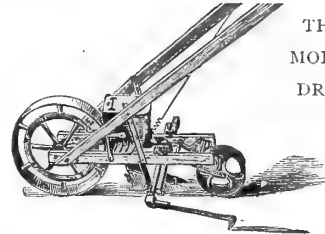


Matthews' Market Gardener  
Drill.

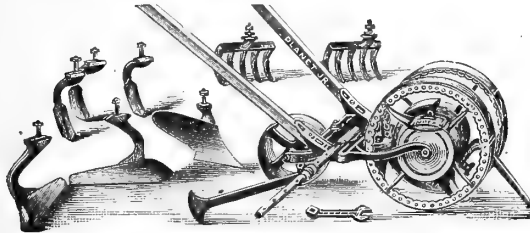
This is one of the most perfect Seed Drills in use. It is thoroughly made, and warranted to sow with evenness and regularity. Price, \$7.

### The Model.

The general favorite and a perfect Drill. Price, \$7.

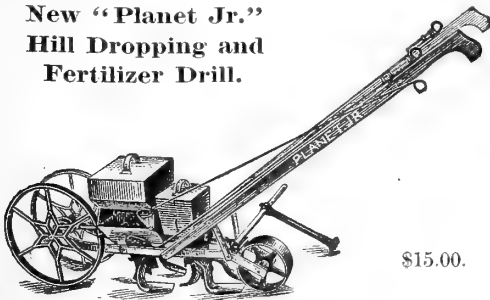


THE  
MODEL  
DRILL.

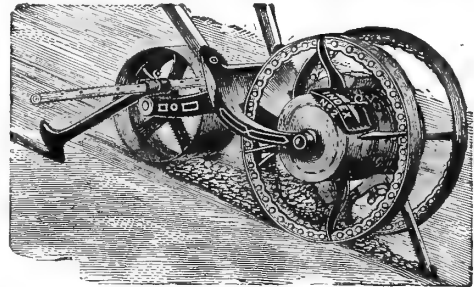


The "Planet Jr." Combined Drill, Wheel Hoe, Cultivator, Rake and Plow. \$9.50.

New "Planet Jr."  
Hill Dropping and  
Fertilizer Drill.



\$15.00.



The "Planet Jr." No. 2 Drill. \$7.00.

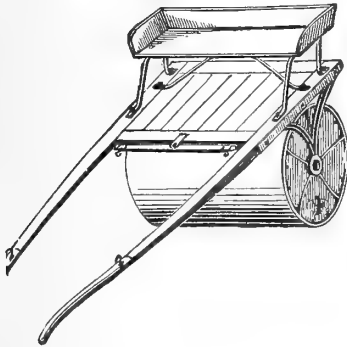
### Cahoon Broadcast Seed Sower.

Will sow any kind of grain or grass seed. Hand Machine, \$4. Power Machine, \$18.

### South Bend Seeders.

The best medium priced machines on the market. Will sow equally as well as the best broadcast sower.

South Bend, No. 2.....\$2.50  
" " " 3.....1.50



Wrought Iron Lawn and Field  
Roller.

These Rollers are all made of the best wrought iron, and filled with concrete to give them additional weight, and are preferable to cast iron, as they are not so liable to break.

24 inches diam., 30 inches long, weight about 450 lbs., \$40.

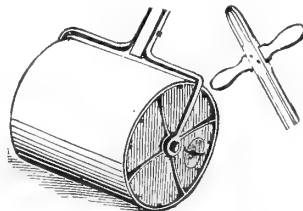
28 inches diam., 36 inches long, weight about 550 lbs., \$45.

With sections loaded for road and lawn purposes.

24 inches diam., 30 inches long, weight about 700 lbs., \$45.

28 inches diam., 36 inches long, weight about 900 lbs., \$48.

Special circular of Rollers mailed on application.



Wrought Iron Garden and  
Lawn Roller.

Made of the best wrought iron, and filled with concrete to give them additional weight.

10 inches diam., 13 inches long, weight about 130 lbs., \$7.50.

12 inches diam., 18 inches long, weight about 200 lbs., \$9.50.

14 inches diam., 21 inches long, weight about 300 lbs., \$12.

We also have Field and Lawn Cast Iron Sectional Rollers. Prices furnished on application.



Garden and  
Farm  
Wheelbarrows.

No. 2. Jacob's Patent Wheel.....\$4.00

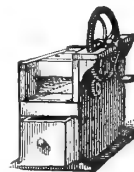
" 3. " " ".....4.25

" 4. " " ".....4.75

Canal Barrows, Wood Body.....2.50

Boys' Barrows, Ames, No. 1.....3.00

" " Eagle " 1.....3.25

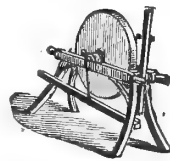


Horse Radish  
Grater.

Will grate 15 lbs. per hour.

Box Pattern, with steel pins, \$8.

Box Pattern, with tin grater, \$7.

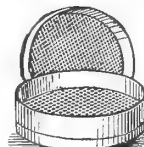


Grindstone.

No. 1 Stone, 24 in. diam., \$5.50.

No. 2 Stone, 20 in. diam., \$5.

No. 3 Stone, 18 in. diam., \$4.50.



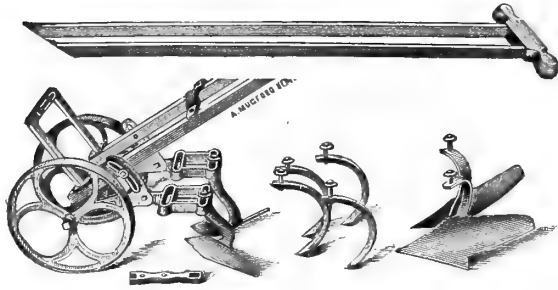
**WIRE SIEVES.**  
We can supply any size mesh from No. 1 to 30.

**Iron Wire.** Extra heavy, 20 in. diam., \$1; medium, 20 in. diam., 75 cts.; medium, 18 in. diam., 65 cts.

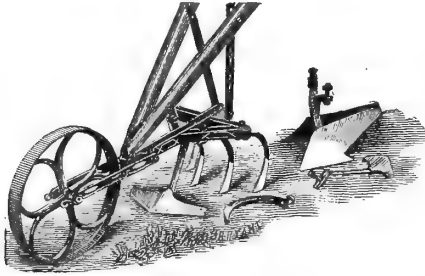
**Brass Wire.** Will not rust. 20 inch diameter, all sizes of mesh. \$1.25 each.

### Universal Glass Cutter.

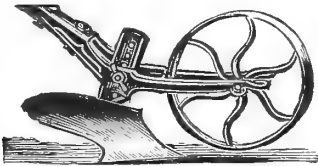
Works entirely different from all others, having a diamond in one corner and a wheel in the other, thus giving it a sure cut. The bone handle cutter has diamond nearly twice the size of the ebony handle. Bone handle, \$5.00; ebony handle, \$3.50.



**Jewel Cultivator and Wheel Hoe, Double.** \$5.00.

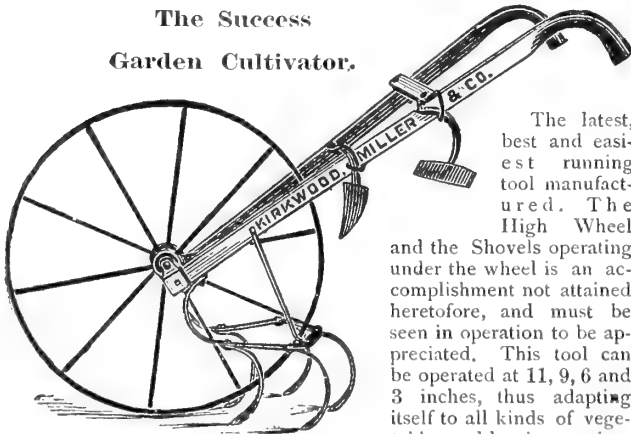


**Gem Single Wheel Hoe and Cultivator.** \$4.50.  
**Gem Double Wheel Hoe and Cultivator.** \$5.00.

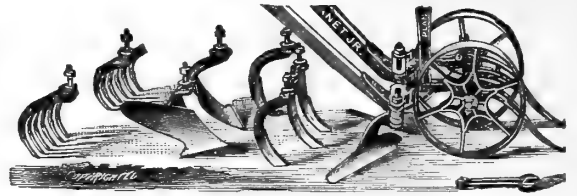


**The "Fire-Fly" Hand Wheel Garden Plow.**  
 Price, \$2.00.

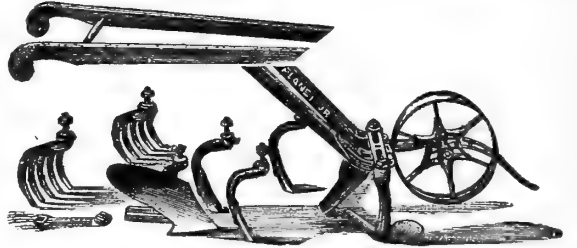
**The Success  
 Garden Cultivator.**



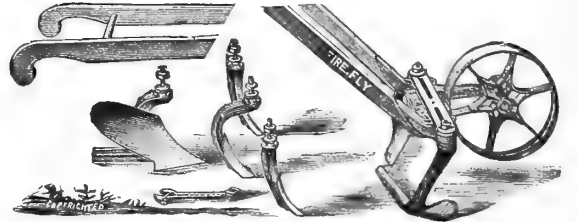
The latest, best and easiest running tool manufactured. The High Wheel and the Shovels operating under the wheel is an accomplishment not attained heretofore, and must be seen in operation to be appreciated. This tool can be operated at 11, 9, 6 and 3 inches, thus adapting itself to all kinds of vegetables and berries, particularly strawberries. It can be operated at a two-mile per hour gait, thus saving largely of time. This tool, if properly handled, makes weeds an impossibility. Price, \$5.00.



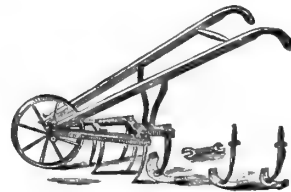
**The "Planet Jr." Double-Wheel Hoe, Cultivator, Rake and Plow Combined.**  
 Price, boxed, \$6.50.



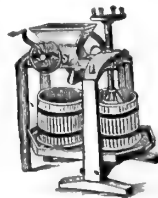
**The "Planet Jr." Single-Wheel Hoe, Cultivator, Rake and Plow Combined.**  
 Price, boxed, \$5.00.



**The "Fire-Fly" Single-Wheel Hoe, Cultivator and Plow Combined.**  
 Price, boxed, \$4.25.



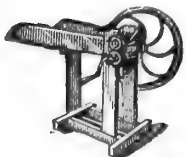
**Lee's Iron Frame Hand Wheel Hoe.**  
 Light, simple, strong and easily worked. The hoes are of different widths. \$5.00.



**Cider Mills.**

|                            |         |
|----------------------------|---------|
| <b>Buckeye Jr.</b> .....   | \$13.50 |
| <b>" Sr.</b> .....         | 23.00   |
| <b>Telegraph Jr.</b> ..... | 14.00   |
| <b>" Sr.</b> .....         | 23.00   |

**Hay, Straw and Corn Stalk  
 Cutters.**

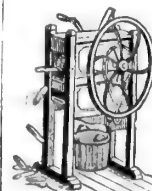


Ross Hay Cutter, No. 7, \$14.00.  
 Telegraph, No. 4, \$16.00.  
 Telegraph, No. 5, \$13.25.



**Root Cutters.**

No. 1, Clark's, \$10.00.  
 No. 2, Clark's, \$14.00.  
 Ames' Root Cutter, 13.00.  
 Newtown Root Cutter, \$10.00.



**Hand and Power  
 Corn Shellers.**

Pony, one hole with fan, \$12.00.  
 Keystone, two holes with fan, \$22.00.  
 Star Sheller and Separator, \$22.00.  
 The Pet, \$8.00.  
 Black Hawk Hand Sheller, \$3.00.



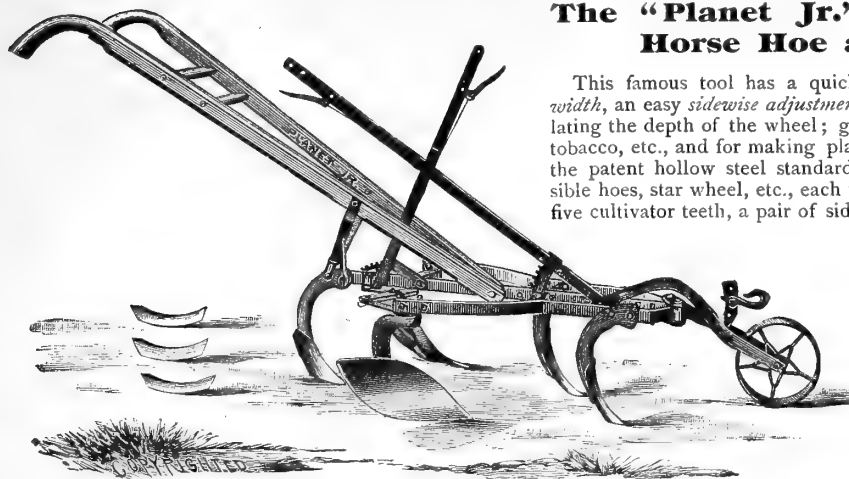
## The "Planet Jr." No. 6 Combined Horse Hoe and Cultivator.

This famous tool has a quick and powerful lever adjustment for width, an easy sidewise adjustment of the handles and a lever for regulating the depth of the wheel; grand among grapes, hops, pole beans, tobacco, etc., and for making plant and seed ridges. Besides it has the patent hollow steel standards, parallel frame, stiff hinges, reversible hoes, star wheel, etc., each valuable in its place. Each tool has five cultivator teeth, a pair of side hoes, and the new shovel.

Price, \$9.00. We can supply a large variety of attachments for these machines, full description of which will be mailed on application.

The No. 5 "PLANET JR." HORSE HOE is exactly the same as above described, except that it has the ordinary wheels instead of the lever wheel. Price, \$8.25.

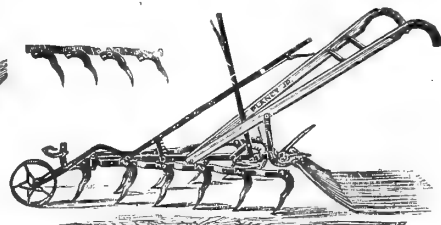
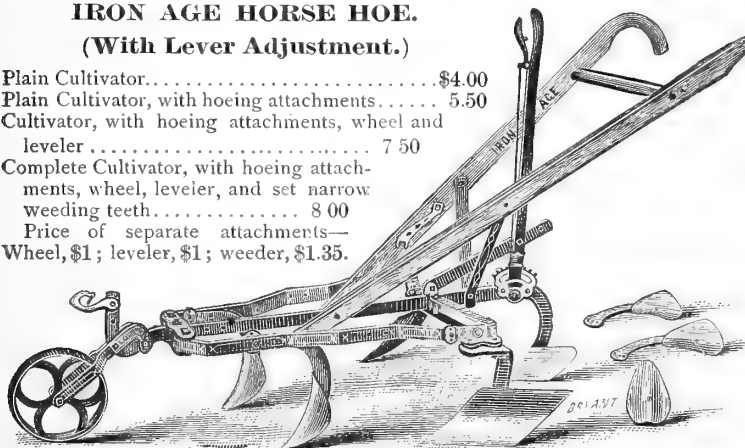
The No. 4 "PLANET JR." HORSE HOE is nearly the same as No. 5.



### IRON AGE HORSE HOE.

(With Lever Adjustment.)

|                                                                                               |        |
|-----------------------------------------------------------------------------------------------|--------|
| Plain Cultivator.....                                                                         | \$4.00 |
| Plain Cultivator, with hoeing attachments.....                                                | 5.50   |
| Cultivator, with hoeing attachments, wheel and lever.....                                     | 7.50   |
| Complete Cultivator, with hoeing attachments, wheel, lever, and set narrow weeding teeth..... | 8.00   |
| Price of separate attachments—                                                                |        |
| Wheel, \$1; lever, \$1; weeder, \$1.35.                                                       |        |



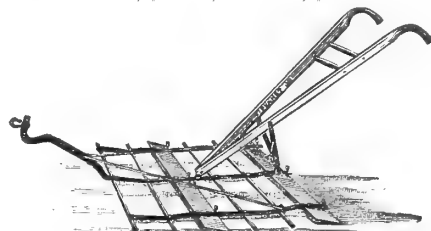
### "Planet Jr." Twelve Tooth Harrow, Cultivator and Pulverizer.

For fine cultivation, either deep or shallow. The reverse position given to the teeth in a short time by the changing of a single bolt in each.

The Pulverizer is controlled by a lever, which can be operated in an instant by the foot while in motion. Weight, packed, 60 lbs. Price, complete, \$9.50; without Pulverizer, \$7.50.

### Kain Triple Folding Harrow.

40 teeth, \$11.00; 50 teeth, \$13.00.

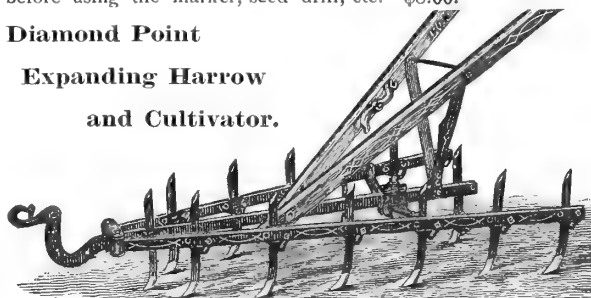


### "Planet Jr." All Steel Pulverizer and Leveler.

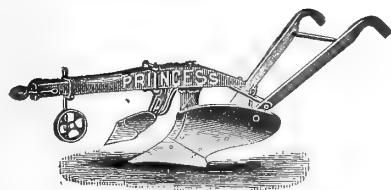
This novelty has high merit. Its width is 4 feet 6 inches; it can be regulated to cut deep or shallow as required, and is a very perfect tool for all such work as fining and leveling the surface before using the marker, seed drill, etc. \$8.00.

### Diamond Point

#### Expanding Harrow and Cultivator.



The best harrow for private or market gardens. The teeth are set on angle, are reversible, so that they can be used for leveling or harrowing or cultivating. \$5.00.

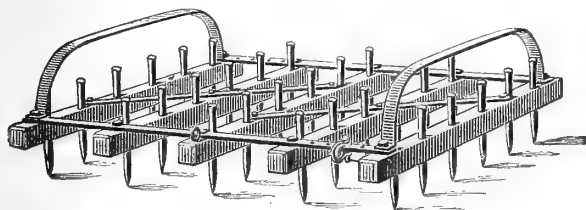


### PRINCESS PLOW.

(With Jointer and Wheel Attached.)

From the many makes of Plows we have selected the "Princess" as the best for every use.

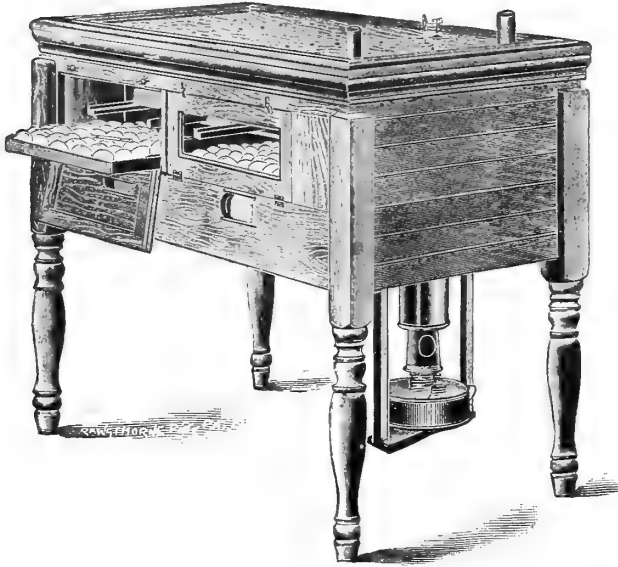
|                                          |        |
|------------------------------------------|--------|
| No. 73, Light, One Horse.....            | \$5.00 |
| " 85, " Two ".....                       | 7.00   |
| Same, with front wheel and jointer.....  | 9.50   |
| " 91, Heavy, Two Horse ".....            | 10.50  |
| " 93, " " " all steel mold board.....    | 10.00  |
| Same, with Coulter.....                  | 14.00  |
| Eagle A, One Horse.....                  | 4.50   |
| " O, " ".....                            | 5.00   |
| Boston Steel Clipper, XO, One Horse..... | 6.25   |
| " " "XOO, " ".....                       | 7.00   |



### KAIN HARROW.

One of the very best tools for private or market gardens. The harrows are provided with runners, so they can be easily moved without tearing up walks or roads. 24 tooth, \$5.00; 30 tooth, \$6.00.

# POULTRY SUPPLIES.



## PRAIRIE STATE INCUBATOR.

This is the best incubator made, having taken all first premiums at leading contests throughout America. It has the most improved self-regulating apparatus, thereby requiring less personal attention. We offer it in six sizes, viz.:

|                                         |      |
|-----------------------------------------|------|
| No. 0 Incubator, capacity, 50 eggs..... | \$20 |
| No. 1 " " " 100 " .....                 | 25   |
| No. 2 " " " 200 " .....                 | 40   |
| No. 3 " " " 300 " .....                 | 56   |
| No. 4 " double " 400 " .....            | 70   |
| No. 5 " " " 520 " .....                 | 80   |

### BROODERS.

Sectional Hot-Water Pipe Brooders, no Runs.

|                                       |      |
|---------------------------------------|------|
| One Section, capacity 100 chicks..... | \$14 |
| Two " " " 200 " .....                 | 19   |
| Three " " " 300 " .....               | 24   |
| Four " " " 400 " .....                | 29   |

Hot-Air, Self-regulating, with Runs.

|                                 |      |
|---------------------------------|------|
| No. 1, capacity 100 chicks..... | \$14 |
| No. 2. " 200 " .....            | 20   |

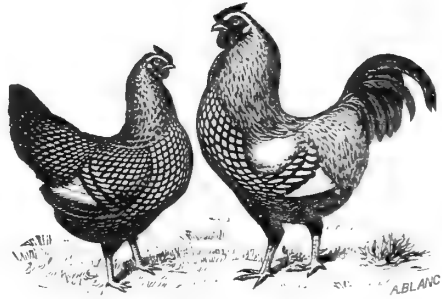
### THE PRESSEY BROODER.

|                                       |     |
|---------------------------------------|-----|
| Brooder, with patent 7-day stove..... | \$8 |
| " " Summer Queen stove.....           | 7   |
| " without stove.....                  | 6   |



## Wigmore's No. 1 Caponizing Set.

This set consists of one fine steel knife and forceps; one nickel-plated spreader, improved German-silver cutting and twisting scoop, with fine hook on opposite end; one fine German-silver probe, and four German-silver hooks attached to cords for quickly securing the fowl. In a case, with book, Practical Caponizing and How to Make Poultry Pay. \$3 post-paid.



**Imperial Egg Food.** Very useful for making hens lay winter and summer; it supports them during moulting and keeps the fowls in the best condition; it strengthens the digestive organs and makes the fowls healthy and more profitable. 1 lb. pkg. 50 cts., by mail 65 cts.; 2½ lb. pkg. \$1, by mail \$1.40; 6 lb. pkg. by express \$2; 25 lb. keg by express \$6.

**Pratt's Food.** Will make hens lay all the year and is excellent for feeding to young chicks. For large fowls mix 1 ounce with the food for 15 or 20. For 15 or 20 chicks give one-half ounce every other day. 1½ lb. pkg. 25 cts., 5 lb. pkg. 60 cts.

**Sheridan's Condition Powder.** This is a well-known brand of poultry powder—well recommended by all leading poultry dealers. 4 ounce pkg. 25 cts., 2½ lb. can \$1, mailing 15 cts. per lb.

**Fresh Ground Oyster Shell.** This is the finest article to feed for shell making. 10 lbs. 25 cts., 25 lbs. 50 cts., 50 lbs. 85 cts., 100 lbs. \$1.50.

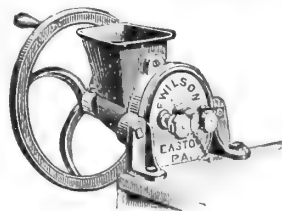
**Coarse Ground Bone.** The use of ground bone is rapidly extending among poultry raisers; it tends to keep the fowls in good health and materially aids laying hens. 5 lb. pkg. 25 cts., 25 lbs. \$1, 100 lbs. \$2.50, 200 lb. bag \$4.

**Marking Punch.** This little instrument is for marking young and old chickens. It is invaluable to breeders and farmers. They are made in two sizes for large or small chicks, nickel-plated, have steel cutter and spring, and are made small and neat to carry in the vest-pocket. Sent by mail on receipt of price, 25 cts. each.



## French Poultry Killing Knife.

The most expeditious and humane way of killing and dressing poultry is by using the French knife. Made of the finest steel. Price, with full instructions, 50 cents each.



HAND BONE MILLS.

## Wilson's Hand Bone and Oyster Shell Mill.

|                          |     |
|--------------------------|-----|
| No. 1, without legs..... | \$5 |
| No. 2, with legs.....    | 7   |

**Mallory's Hand Mill.**  
For grinding bones and shells.  
\$3.00.

## Black Hawk Corn Sheller.

For hand use.....\$3



**Egg Tester.** A sure and powerful tester. By its use you can determine the condition of eggs. 75 cts. each.

Illustrated Catalogue of Incubators, Brooders and Poultry House Heating mailed on application; also Circulars of Poultry Supplies.



# THE \$500 IN CASH PRIZES FOR 1891

OFFERED TO

## GROWERS OF DREER'S SEEDS

Brought out last summer many competitors who exhibited at the different exhibitions splendid specimens of Vegetables that showed marvellous skill in cultivation and well deserved the prizes awarded.

We give below the names of the successful competitors, and for want of space omit those of our friends who, while showing fine results, did not take any prizes.

|                         |                                                      |
|-------------------------|------------------------------------------------------|
| Herman Brueshaber.....  | Gardener to George B. Roberts, Esq., Bala, Pa.       |
| Aaron Fry.....          | " " W. H. Morris, Esq., Pottstown, Pa.               |
| Martin Geary.....       | " " F. W. Morris, Esq., Upton, Pa.                   |
| C. Ruber.....           | " " General Pleasanton, Overbrook, Pa.               |
| Richard Dunphey.....    | " " John Lowber Welsh, Esq., Chestnut Hill, Pa.      |
| John M. Hughes.....     | " " George W. Childs, Esq., Bryn Mawr, Pa.           |
| George D. Rementer..... | " " Samuel A. Crozer, Esq., Upland, Pa.              |
| Wm. Love.....           | " " W. E. Garrett, Jr., Esq., Villa Nova, Pa.        |
| John Hedland.....       | " " E. P. Dwight, Esq., Chestnut Hill, Pa.           |
| John B. Seipel.....     | " " J. J. Martin, Esq., Chadds Ford, Pa.             |
| P. Conlan.....          | " " Percival Roberts, Jr., Esq., Pencoyd, Pa.        |
| John B. Edwards.....    | " " W. R. Furness, Esq., Wallingford, Pa.            |
| Wm. Jamison.....        | " " R. S. Mason, Esq., School Lane, G't'n, Phila.    |
| Edward J. Canning.....  | " " Mrs. A. S. Roberts, Bala, Pa.                    |
| James Smith.....        | Superintendent Continental Hotel Farm, Paschall, Pa. |
| B. R. Black.....        | Mullica Hill, N. J.                                  |
| Richard C. Kaighn.....  | Camden, N. J.                                        |
| R. B. Plumley.....      | Lincoln, Chester county, Pa.                         |
| Chas. B. Jessup.....    | Cinnaminson, Burlington county, N. J.                |
| A. Knisell.....         | Sewell, N. J.                                        |
| Dr. R. H. Smith.....    | Havre de Grace, Md.                                  |

### Dreer's Bush Lima Bean.

For the Best Specimen Plant, in Dry State,  
Having the Greatest Number of Pods.

|            |                |
|------------|----------------|
| 1st Prize, | Martin Geary.  |
| 2d "       | R. B. Plumley. |
| 3d "       | P. Conlan.     |
| 4th "      | R. C. Kaighn.  |

### Mangel Wurzel Beet.

For the Heaviest Specimen of any Variety.

|            |                 |         |
|------------|-----------------|---------|
| 1st Prize, | Martin Geary,   | 31 lbs. |
| 2d "       | Wm. Love,       | 25 "    |
| 3d "       | John M. Hughes, | 23½ "   |

### Dreer's Original Stock Wakefield Cabbage.

For Best Three Heads.

|            |                  |
|------------|------------------|
| 1st Prize, | James Smith.     |
| 2d "       | Chas. B. Jessup. |
| 3d "       | John B. Seipel.  |
| 4th "      | Ed. J. Canning.  |

### Celery.

For the Best Three Stalks of Each of the Varieties Named—Giant Pascal, Golden Self-Blanching, Perfection Heartwell.

|            |                    |
|------------|--------------------|
| 1st Prize, | C. Ruber.          |
| 2d "       | John Hedland.      |
| 3d "       | Herman Brueshaber. |
| 4th "      | Martin Geary.      |

### Dreer's First of All Sugar Corn.

For Best and Earliest Six Ears.

|            |                    |
|------------|--------------------|
| 1st Prize, | Aaron Fry.         |
| 2d "       | R. B. Plumley.     |
| 3d "       | Herman Brueshaber. |
| 4th "      | Wm. Jamison.       |

### Dreer's Pioneer Peas.

For Best Three Vines in a Green State.

|            |                    |          |
|------------|--------------------|----------|
| 1st Prize, | Herman Brueshaber, | 61 podð. |
| 2d "       | Richard Dunphey,   | 53 "     |
| 3d "       | John B. Seipel,    | 37 "     |
| 4th "      | Martin Geary,      | 30 "     |

### Dreer's Standard Potato.

For the Best Peck.

|            |                  |
|------------|------------------|
| 1st Prize, | B. R. Black.     |
| 2d "       | A. Knisell.      |
| 3d "       | Richard Dunphey. |
| 4th "      | Dr. R. H. Smith. |

### Onions.

For the Best Eighteen Bulbs, in Three Varieties, Six of Each.

|            |                    |
|------------|--------------------|
| 1st Prize, | Herman Brueshaber. |
| 2d "       | Ed. J. Canning.    |
| 3d "       | Richard C. Kaighn. |
| 4th "      | Martin Geary.      |

### Tomatoes.

For the Best Eighteen Specimens, in Three Varieties, Six of Each.

|            |                   |
|------------|-------------------|
| 1st Prize, | Martin Geary.     |
| 2d "       | Geo. D. Rementer. |
| 3d "       | John B. Edwards.  |
| 4th "      | Ed. J. Canning.   |

# \$500 in Cash Premiums for 1892

Offered for the best Vegetables grown from **DREER'S RELIABLE SEEDS.** The premiums for 1891 were so well contested that we are pleased to renew our offer this year, hoping that it will continue to increase the cultivation of good vegetables and stimulate others to join in the competition. Conditions named below.

|                                                                                             | 1st. | 2d.  | 3d.  | 4th. |
|---------------------------------------------------------------------------------------------|------|------|------|------|
| <b>BEAN—DREER'S BUSH LIMA.</b>                                                              |      |      |      |      |
| <b>For the Best Specimen Plant Having the Greatest Number of Pods.....</b>                  | \$15 | \$10 | \$7  | \$5  |
| To be delivered October 6th.                                                                |      |      |      |      |
| <b>BEETS—ECLIPSE—BASTIAN'S TURNIP—EDMANDS.</b>                                              |      |      |      |      |
| <b>For the Best Three Tubers of Each Variety. To be delivered June 23d.....</b>             | 8    | 6    | 4    | 2    |
| <b>CABBAGE—EARLY JERSEY WAKEFIELD (ORIGINAL).</b>                                           |      |      |      |      |
| <b>For the Best Three Heads. To be delivered July 7th.....</b>                              | 8    | 6    | 4    | 2    |
| <b>LATE CABBAGE { PREMIUM FLAT DUTCH,<br/>DREER'S CRYSTAL SAVOY.</b>                        |      |      |      |      |
| <b>For the Best Three Specimens of Each. To be delivered September 29th.....</b>            | 10   | 7    | 4    | 2    |
| <b>CAULIFLOWER—DREER'S SNOWSTORM.</b>                                                       |      |      |      |      |
| <b>For the Best Three Specimens. To be delivered May 19th.....</b>                          | 10   | 7 50 | 5    | 3    |
| <b>CARROTS—GUERANDE, ST. VALERY, HALF-LONG SCARLET.</b>                                     |      |      |      |      |
| <b>For the Best Six Specimens of Each. To be delivered September 1st.....</b>               | 8    | 6    | 4    |      |
| <b>CELERY—GIANT PASCAL, GOLDEN SELF-BLANCHING,<br/>GOLDEN HEART.</b>                        |      |      |      |      |
| <b>For the Best Three Stalks of Each Variety. To be delivered November 3d....</b>           | 10   | 7 50 | 6    | 4    |
| <b>CORN—DREER'S FIRST OF ALL.</b>                                                           |      |      |      |      |
| <b>For the Best Six Ears. To be delivered July 14th.....</b>                                | 8    | 6    | 4    | 2    |
| <b>EGG PLANT—NEW YORK IMPROVED.</b>                                                         |      |      |      |      |
| <b>For the Best Three Specimens. To be delivered September 22d.....</b>                     | 10   | 7 50 | 6    | 4    |
| <b>MANGEL WURZEL—NORBITON GIANT.</b>                                                        |      |      |      |      |
| <b>For the Heaviest Specimen. To be delivered November 10th. ....</b>                       | 10   | 7 50 | 6    | 4    |
| <b>WATERMELON—DIXIE.</b>                                                                    |      |      |      |      |
| <b>For the Best and Heaviest Specimen. To be delivered September 15th.....</b>              | 15   | 10   | 5    | 2    |
| <b>MUSK-MELON { EARLY HACKENSACK,<br/>MILLER CREAM,<br/>MONTREAL MARKET.</b>                |      |      |      |      |
| <b>For the Best Single Specimen of Each. To be delivered August 25th.....</b>               | 10   | 7 50 | 5    | 3    |
| <b>ONIONS—SOUTHPORT WHITE GLOBE, SOUTHPORT YELLOW<br/>GLOBE, SOUTHPORT EARLY RED GLOBE.</b> |      |      |      |      |
| <b>For the Best Six Specimens of Each. To be delivered August 11th.....</b>                 | 10   | 7 50 | 5    | 3    |
| <b>PEAS—DREER'S PIONEER.</b>                                                                |      |      |      |      |
| <b>For the Best Three Vines in Green State. To be delivered June 9th.....</b>               | 10   | 7 50 | 5    | 3    |
| <b>POTATOES { DREER'S STANDARD.....</b>                                                     | 10   | 7    | 5    |      |
| <b>{ STATE OF MAINE.....</b>                                                                | 8    | 5    | 3    |      |
| <b>{ RURAL NEW YORKER.....</b>                                                              | 8    | 5    | 3    |      |
| <b>For the Best Peck of Each. To be delivered August 18th.</b>                              |      |      |      |      |
| <b>PUMPKIN—LARGE TOURS MAMMOTH.</b>                                                         |      |      |      |      |
| <b>For the Heaviest Specimen. To be delivered October 13th.....</b>                         | 15   | 10   | 7 50 | 5    |
| <b>SQUASH—COOK'S FAVORITE AND SWEET NUT.</b>                                                |      |      |      |      |
| <b>For the Best Two Specimens of each. To be delivered October 13th.....</b>                | 10   | 7 50 | 6    | 4    |
| <b>TOMATOES—NEW STONE, LONG KEEPER, MIKADO.</b>                                             |      |      |      |      |
| <b>For the Best Six Specimens of Each. To be delivered September 8th.....</b>               | 10   | 7 50 | 5    | 3    |

## CONDITIONS.

All vegetables competing for the above prizes must be grown from seeds purchased at our store this year, and a record left with us, giving name and address, and date of purchase of the seeds.

The premiums will be awarded by judges appointed by the Pennsylvania Horticultural Society.

Vegetables must be delivered free of all charges at our store, 714 Chestnut Street, on Thursday noon of the dates given.



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## Gardeners.

We keep a list of Gardeners who are seeking situations, and shall be pleased to render assistance to our customers who may at any time require the services of a reliable and practical man.

On our Register are frequently men seeking positions as Superintendents of Parks, Cemeteries and Large Estates, Landscape Gardeners, Gardeners especially for Greenhouse Work, General Gardeners for small places, Farmers' and Florists' Assistants, and Coachman and Gardener.